





# The D. H. Hill Library



North Carolina State College

QK558  
P42  
v. 2

NORTH CAROLINA STATE UNIVERSITY LIBRARIES



S02514797 Z

P42

v.2

Pearson

The Hepaticae of  
British Isles

This book may be kept out TWO WEEKS ONLY, and is subject to a fine of FIVE CENTS a day thereafter. It is due on the day indicated below:

AUG 11 1965







THE  
HEPATICÆ  
OF THE  
BRITISH ISLES

VOL. II.—PLATES





THE  
HEPATICÆ  
OF THE  
BRITISH ISLES

BEING  
FIGURES AND DESCRIPTIONS OF ALL  
KNOWN BRITISH SPECIES

BY  
WILLIAM HENRY PEARSON  
CORR. MEM. LINN. SOC. N.S.W., R.S. TASM., VIDENSK. SELSK. CHRISTIANIA

VOL. II.—PLATES

LONDON  
LOVELL REEVE & CO., LIMITED

*Publishers to the Home, Colonial and Indian Governments*

6 HENRIETTA STREET, COVENT GARDEN

1902

Disc. 156

72140



# LIST OF PLATES.

*With reference to Text in Vol. I.*

PLATE		VOL 1 PAGE	PLATE		VOL 1 PAGE
1	Frullania Tamarisci . . .	24	33	Pleurozia cochleariformis . . .	91
2	„ microphylla . . .	26	34	Anthelia julacea . . .	94
3	„ fragilifolia . . .	29	35	„ Juratzkana . . .	97
4	„ germana . . .	31	36	Herberta adunca . . .	99
5	„ dilatata . . .	33	37	Mastigophora Woodsii . . .	102
6	Jubula Hutchinsiae . . .	36	38	Blepharozia ciliaris . . .	103
7	Lejeunea Mackaii . . .	40	39	„ pulcherrima . . .	106
8	„ ovata . . .	42	40	Trichocolea tomentella . . .	108
9	„ hamatifolia . . .	43	41	Blepharostoma trichophyllum . . .	112
10	„ serpyllifolia . . .	45	42	Chandonanthus setiformis . . .	114
11	„ patens . . .	47	43	Lepidozia cupressina . . .	117
12	„ flava . . .	49	44	„ reptans . . .	119
13	„ Holtii . . .	51	45	„ Pearsoni . . .	121
14	„ ulicina . . .	54	46	„ setacea . . .	124
15	„ diversiloba . . .	56	47	Bazzania trilobata . . .	128
16	„ calcarea . . .	58	48	„ triangularis . . .	130
17	„ Rossettiana . . .	60	49	„ tricrenata . . .	132
18	„ minutissima . . .	61	50	„ Pearsoni . . .	133
19	„ microscopica . . .	63	51	Kantia Trichomanis . . .	135
20	„ calyptrifolia . . .	64	52	„ Sprengelii . . .	138
21	Radula voluta . . .	67	53	„ arguta . . .	139
22	„ Lindbergii . . .	68	54	Cephalozia catenulata . . .	144
23	„ germana . . .	70	55	„ pallida . . .	146
24	„ Holtii . . .	72	56	„ lunulæfolia . . .	147
25	„ aquilegia . . .	74	57	„ bicuspidata . . .	150
26	„ Carringtonii . . .	76	58	„ Lammersiana . . .	153
27	„ complanata . . .	78	59	„ hibernica . . .	155
28	Porella laevigata . . .	80	60	„ connivens . . .	157
29	„ Thuja . . .	82	61	„ curvifolia . . .	159
30	„ platyphylla . . .	84	62	„ Franciscei . . .	163
31	„ rivularis . . .	87	63	„ fluitans . . .	165
32	„ pinnata . . .	89	64	„ heterostipa . . .	168

## LIST OF PLATES.

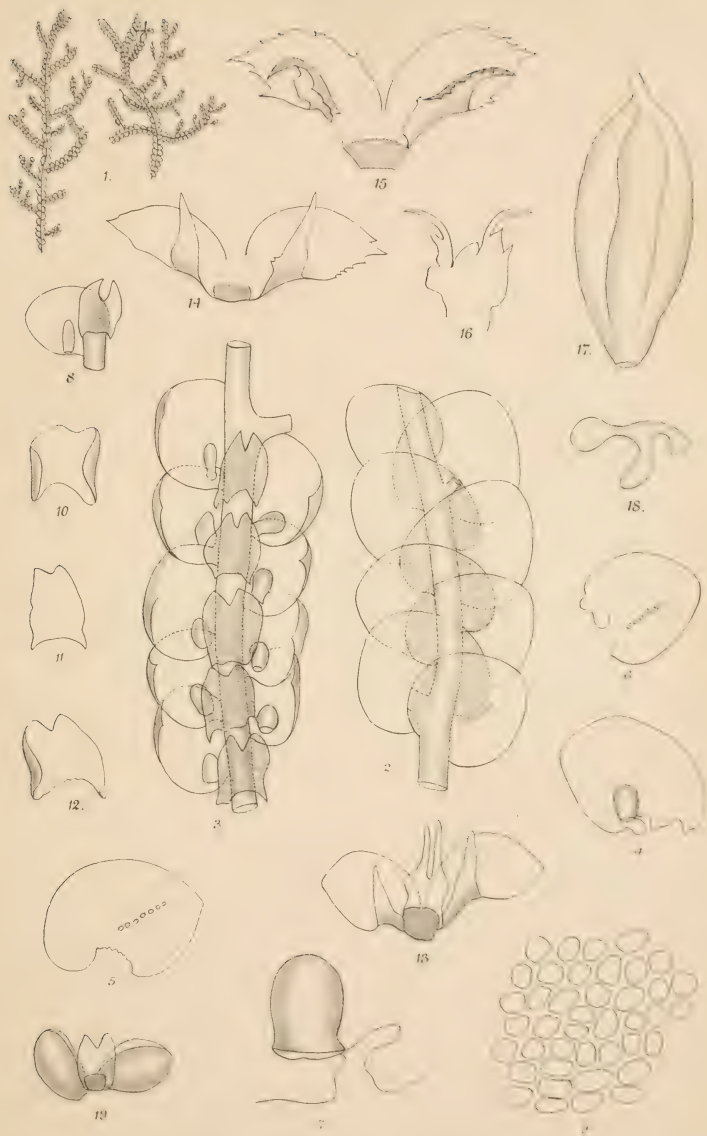
PLATE		VOL. I PAGE	PLATE		VOL. I PAGE
65	Cephalozia Sphagni . . .	171	107	Harpanthus scutatus . . .	259
66	" denudata . . .	174	108	" Flotowii . . .	261
67	" divaricata . . .	177	109	Mylia Taylora . . .	264
68	" stellulifera . . .	179	110	" anomala . . .	267
69	" aeraria . . .	181	111	Pedinophyllum interruptum	269
70	" Jackii . . .	182	112	Plagiochila Stableri . . .	273
71	" elachista . . .	184	113	" asplenioides . . .	274
72	" leucantha . . .	186	114	" " vars.	275
73	" dentata . . .	187	115	" ambagiosa . . .	275
74	Prionolobus Turneri . . .	190	116	" spinulosa . . .	276
75	Pleuroclada albesceus . . .	192	117	" punctata . . .	278
76	" islandica . . .	194	118	" tridenticulata . . .	280
77	Hygrobiella laxifolia . . .	197	119	" exigua . . .	282
78	Eremonotus myriocarpus . . .	201	120	Liochlena lanceolata . . .	284
79	Adelanthus decipiens . . .	204	121	Jamesoniella Carringtoni . . .	287
80	Scapania compacta . . .	208	122	Jungermania cordifolia . . .	290
81	" Bartlingii . . .	209	123	" pumila . . .	292
82	" subalpina . . .	211	124	" riparia . . .	294
83	" aequiloba . . .	212	125	" sphaerocarpa . . .	296
84	" aspera . . .	214	126	" " var. lurida	298
85	" resupinata . . .	217	127	" crenulata . . .	300
86	" ornithopodioides . . .	219	128	" " var.	
87	" nimbose . . .	220		gracillima	302
88	" nemorosa . . .	222	129	" autumnalis . . .	303
89	" undulata . . .	224	130	" " var.	
90	" purpurascens . . .	225		Schraderi	305
91	" intermedia . . .	227	131	" inflata . . .	307
92	" irrigua . . .	230	132	" turbinata . . .	309
93	" uliginosa . . .	231	133	" bantriensis . . .	312
94	" rosacea . . .	233	134	" " var.	
95	" curta . . .	235		Muelleri	314
96	" umbrosa . . .	236	135	" " var. acuta	316
97	Diplophyllum albicans . . .	239	136	" obtusa . . .	318
98	" taxifolium . . .	240	137	" socia . . .	320
99	" obtusifolium . . .	241	138	" capitata . . .	322
100	" Dicksoni . . .	243	139	" bicrenata . . .	324
101	Lophocolea bidentata . . .	247	140	" ventricosa . . .	327
102	" cuspidata . . .	249	141	" " vars.	330
103	" heterophylla . . .	250	142	" alpestris . . .	331
104	" spicata . . .	252	143	" gelida . . .	334
105	Clasmatocolea cuneifolia . . .	254	144	" incisa . . .	335
106	Chiloscyphus polyanthos . . .	257	145	" exsecta . . .	337



PLATE		VOL. I PAGE	PLATE		VOL. I PAGE
146	<i>Jungermania Lyoni</i>	339	188	<i>Fossombronia Mittenii</i>	125
147	„ <i>gracilis</i>	342	189	<i>Scalia Hookeri</i>	127
148	„ <i>barbata</i>	344	190	<i>Petalophyllum Ralfsii</i>	430
149	„ <i>lycophodioides</i>	346	191	<i>Pallavicinia Lyellii</i>	432
150	„ „ <i>var. Floerkii</i>	348	192	„ <i>hibernica</i>	434
151	„ <i>Kunzeana</i>	349	193	„ „ <i>vars.</i>	437
152	„ <i>Helleriana</i>	351	194	„ <i>Blyttii</i>	438
153	„ <i>minuta</i>	353	195	„ „	439
154	„ <i>saxicola</i>	355	196	<i>Blasia pusilla</i>	440
155	„ <i>oreadensis</i>	357	197	<i>Pellia epiphylla</i>	443
156	„ <i>Pearsoni</i>	359	198	„ <i>calycina</i>	447
157	„ <i>Doniana</i>	361	199	<i>Aneura palmata</i>	450
158	<i>Nardia hyalina</i>	364	200	„ <i>multifida</i>	451
159	„ <i>obovata</i>	366	201	„ <i>ambrosioides</i>	453
160	„ <i>compressa</i>	368	202	„ <i>latifrons</i>	454
161	„ <i>scalaris</i>	370	203	„ <i>sinuata</i>	456
162	„ <i>silvretta</i>	372	204	„ <i>pinguis</i>	457
163	<i>Marsupella emarginata</i>	375	205	<i>Metzgeria pubescens</i>	460
164	„ „ <i>vars.</i>	377	206	„ <i>furcata</i>	461
165	„ <i>sphacelata</i>	377	207	„ <i>conjugata</i>	463
166	„ <i>Funckii</i>	379	207	„ <i>hamata</i>	464
167	„ <i>olivacea</i>	380	208	<i>Marchantia polymorpha</i>	466
168	„ <i>ustulata</i>	382	209	<i>Conocephalus conicus</i>	469
169	„ <i>sparsifolia</i>	384	210	<i>Reboulia hemisphaerica</i>	470
170	„ <i>Stableri</i>	386	211	<i>Preissia commutata</i>	473
171	„ <i>nervicensis</i>	389	212	<i>Lunularia cruciata</i>	476
172	<i>Cesia alpina</i>	391	213	<i>Dumortiera irrigua</i>	477
173	„ <i>revoluta</i>	393	214	<i>Targionia hypophylla</i>	480
174	„ <i>crassifolia</i>	395	215	<i>Sphaerocarpus terrestris</i>	482
175	„ <i>conferta</i>	397	216	<i>Riccia glauca</i>	484
176	„ <i>brevissima</i>	399	217	„ <i>crystallina</i>	485
177	„ <i>corallioides</i>	401	218	„ <i>sorocarpa</i>	487
178	„ <i>concinata</i>	403	219	„ <i>bifurca</i>	488
179	„ <i>obtusa</i>	405	220	„ <i>nigrella</i>	489
180	„ <i>crenulata</i>	407	221	„ <i>tumida</i>	491
181	<i>Acrobolbus Wilsoni</i>	410	222	„ <i>glaucescens</i>	493
182	<i>Saccogyna viticulosa</i>	413	223	„ <i>ciliata</i>	494
183	<i>Fossombronia pusilla</i>	418	224	<i>Ricciella fluitans</i>	495
184	„ <i>cristata</i>	420	225	<i>Ricciocarpus natans</i>	497
185	„ <i>angulosa</i>	421	226	<i>Anthoceros laevis</i>	499
186	„ <i>Dumortieri</i>	423	227	„ <i>punctatus</i>	500
187	„ <i>caespitiformis</i>	424	228	„ <i>Stableri</i>	502

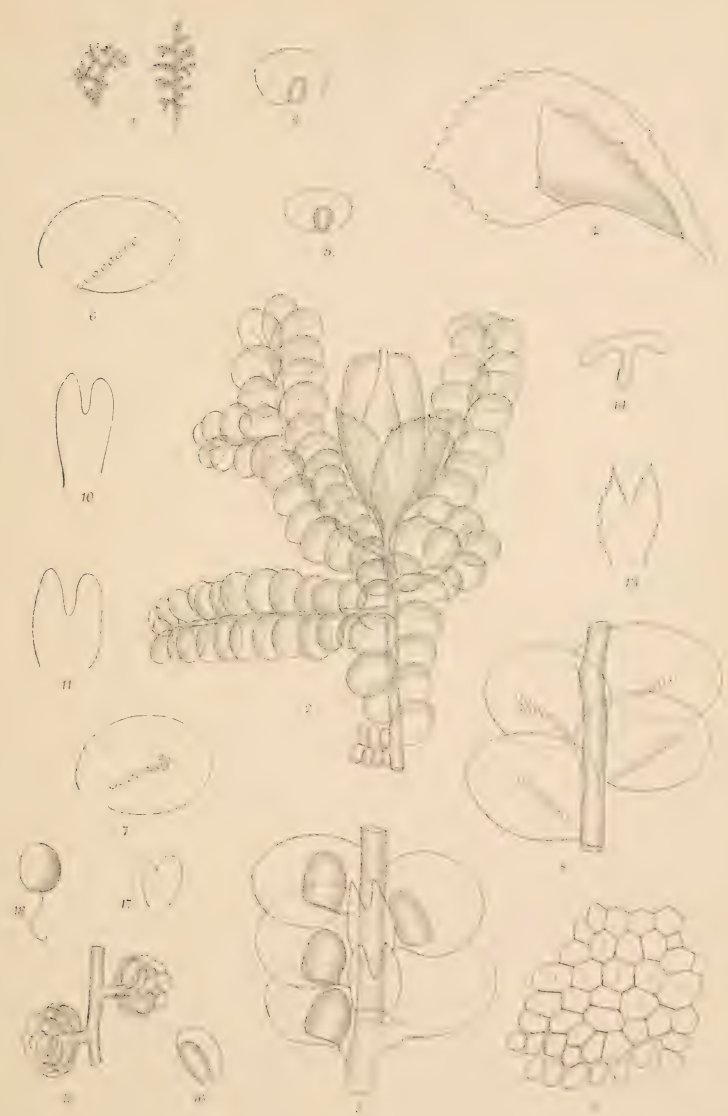






FRULLANIA TAMARISCI

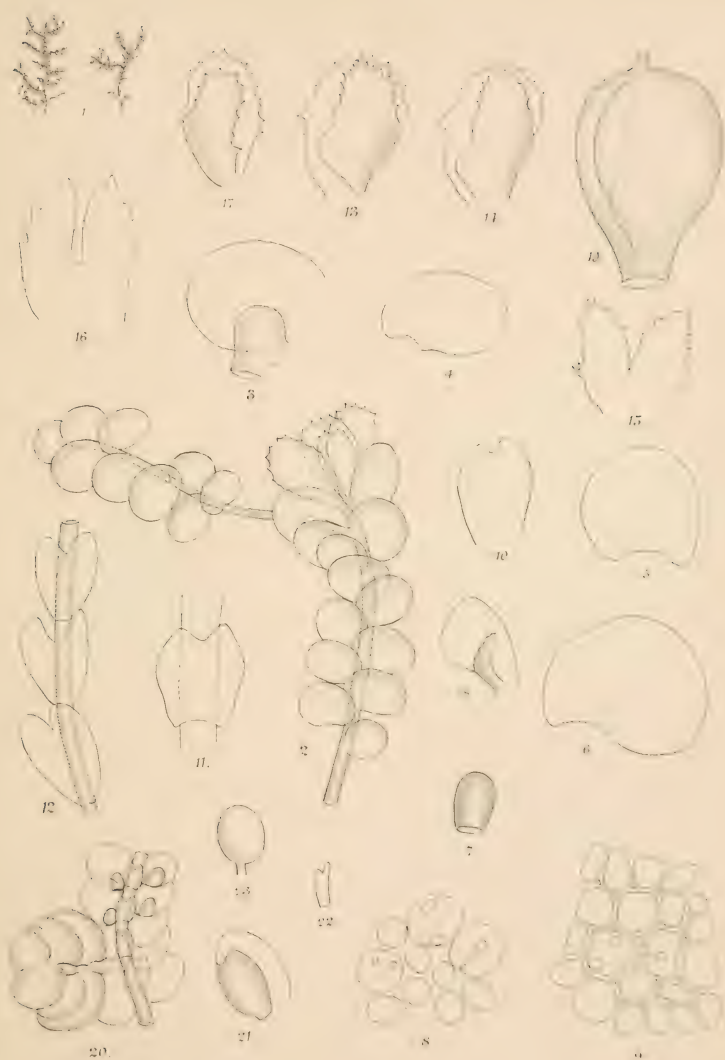




FRULLANIA MICROPHYLLA



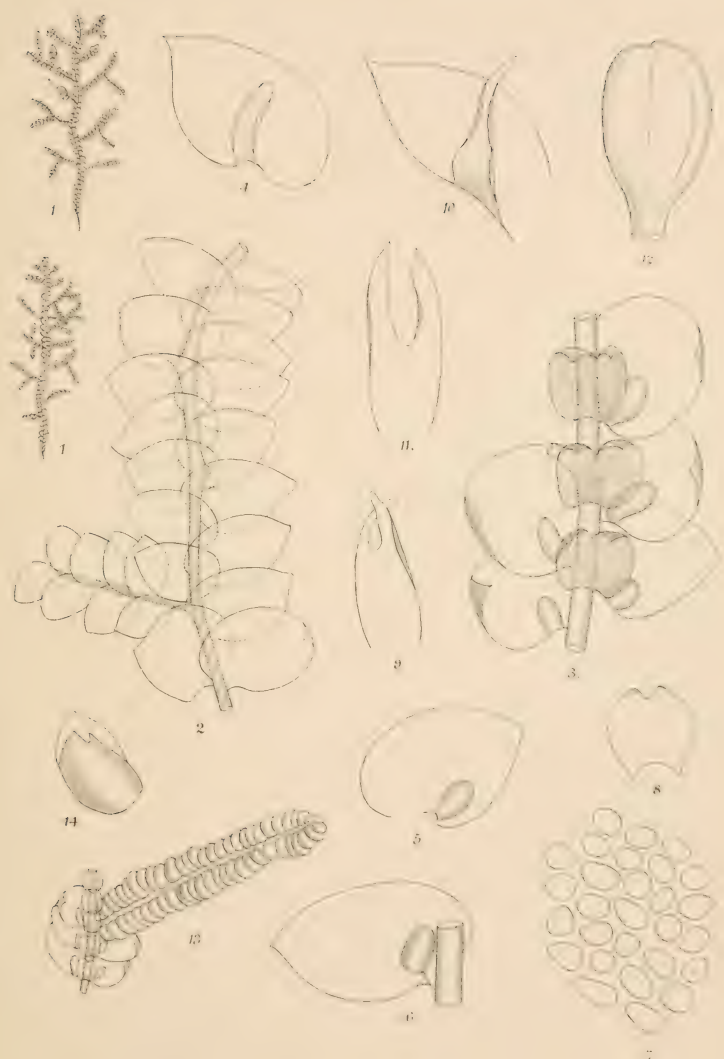




*FRULLANIA FRAGILIPOLIA*







FRULLANIA GERMANA.





FRULLANIA DILATATA.

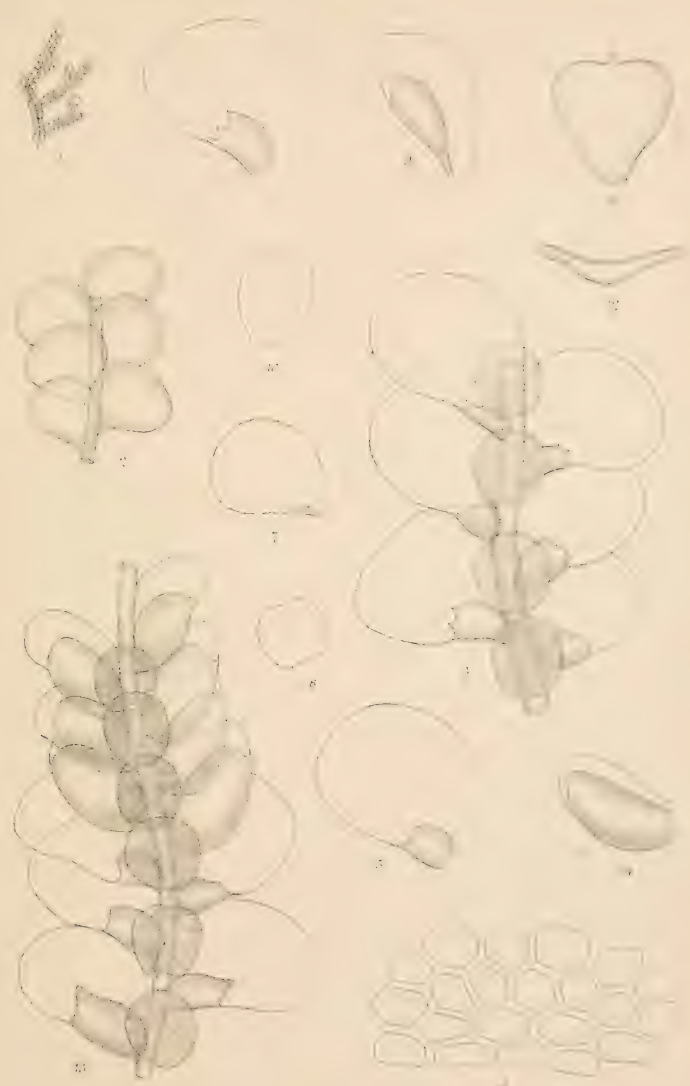






JUBULA HUTCHINSIÆ.





LEUCOSIA MARITIMA

W. H. B. (1840)

(continued from Plate 9)







LEJEUNEA OVATA

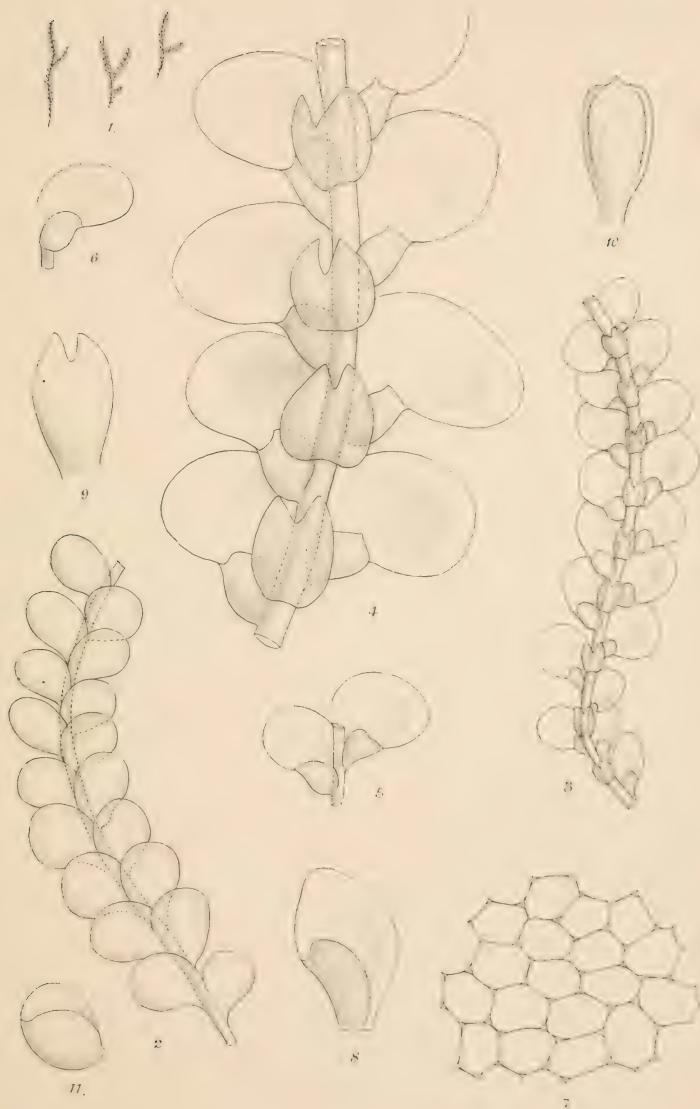




LEJEUNEA HAMATIFOLIA

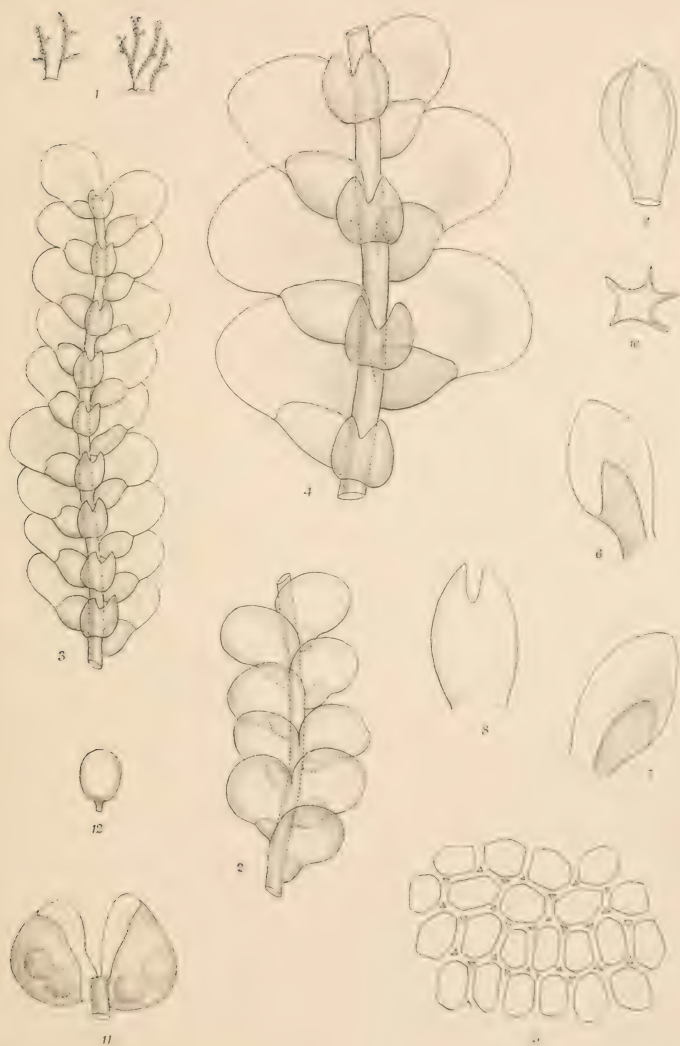






LEJEUNEA SERPYLLIFOLIA





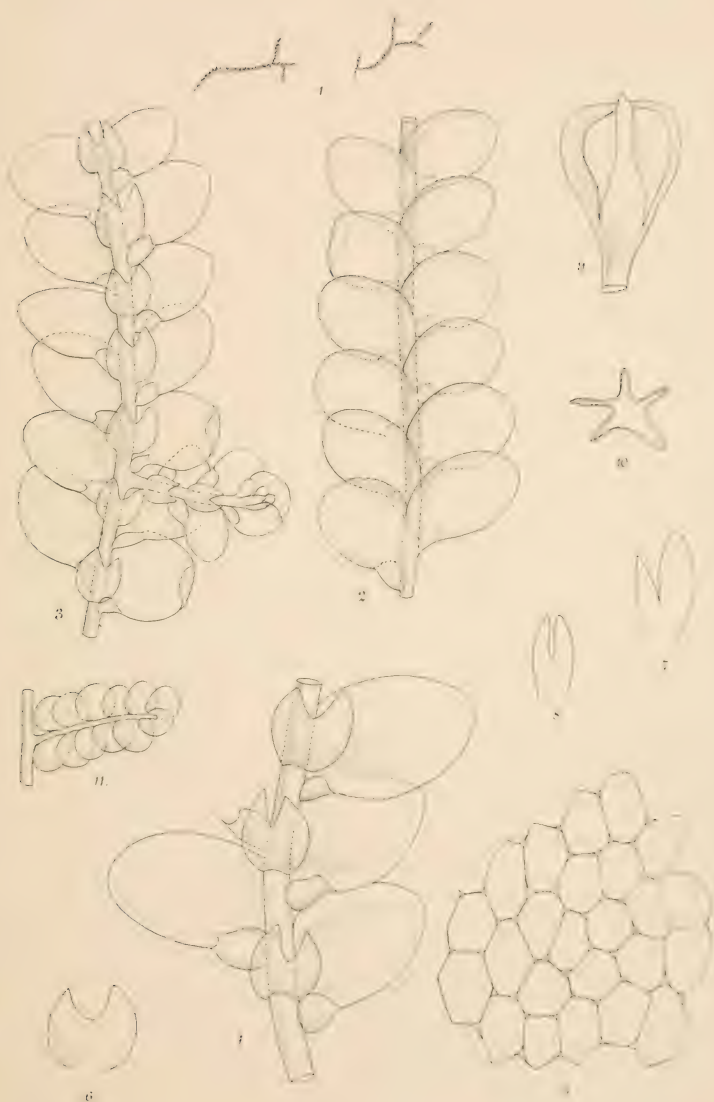
DIOSCOREA (L.) BENTLEY





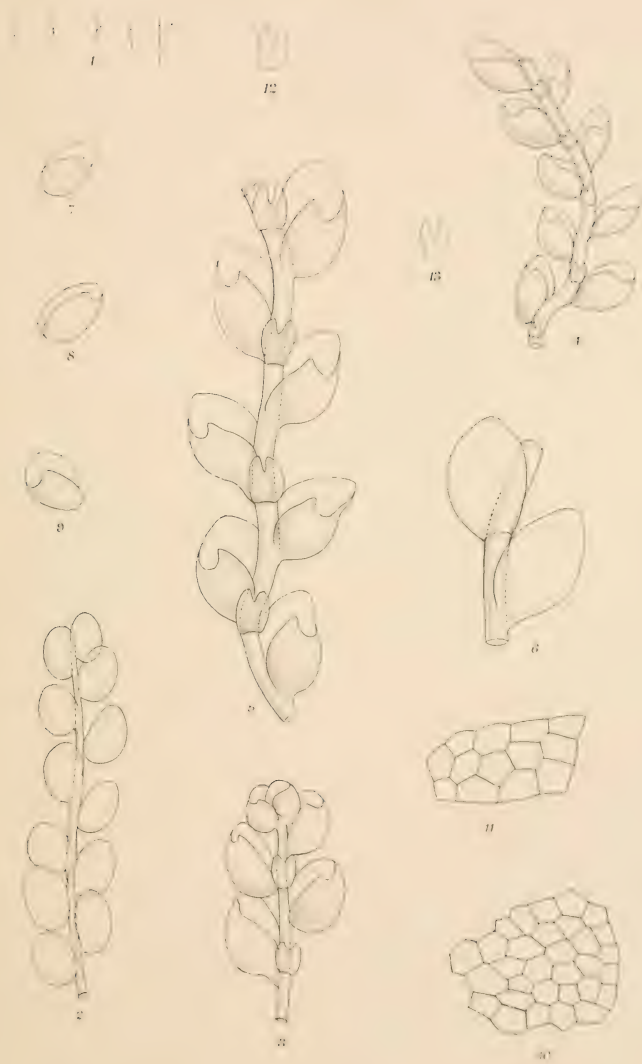






LEJEUNEA HOLTHII

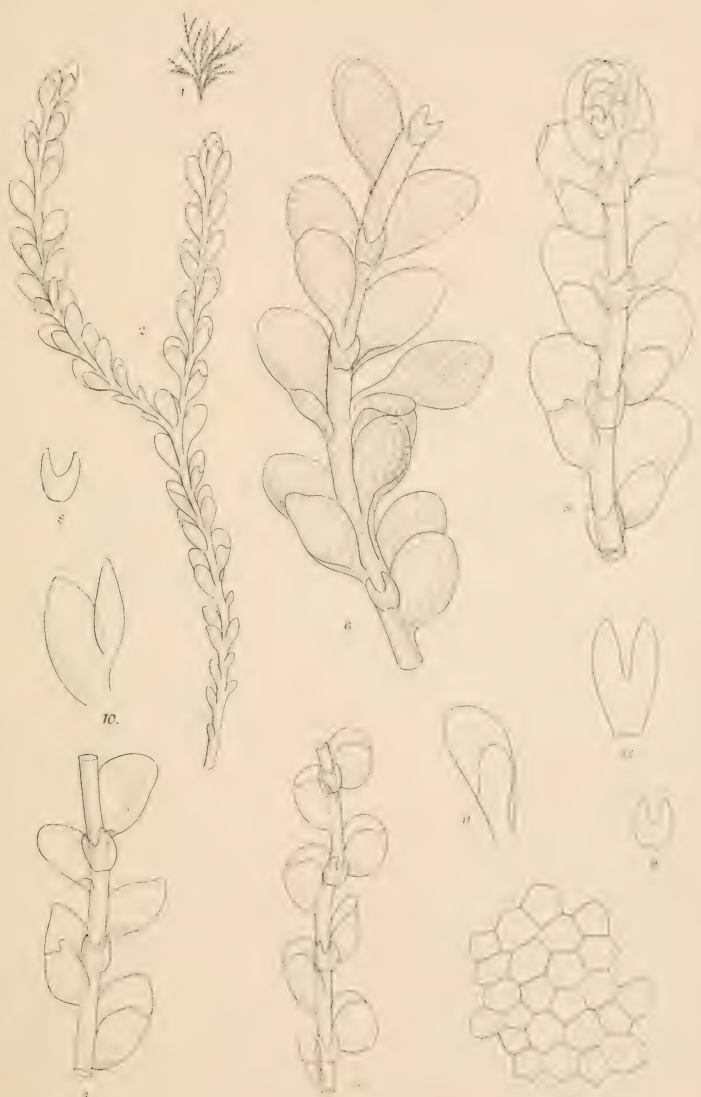




LYSICHTON ALBERTENSIS

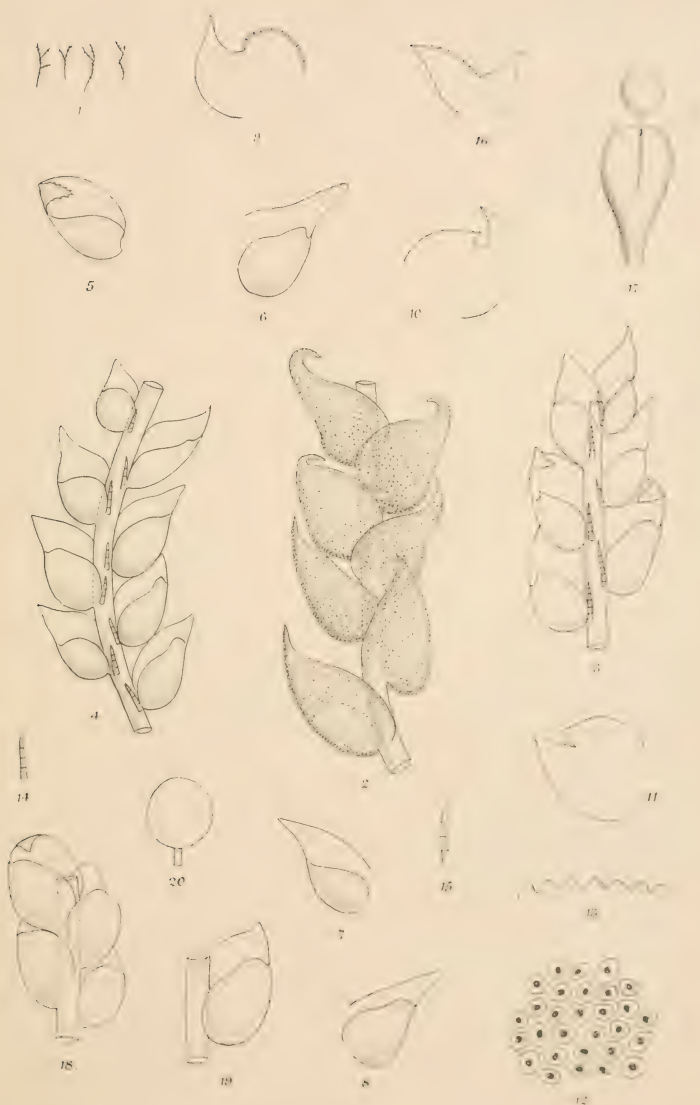






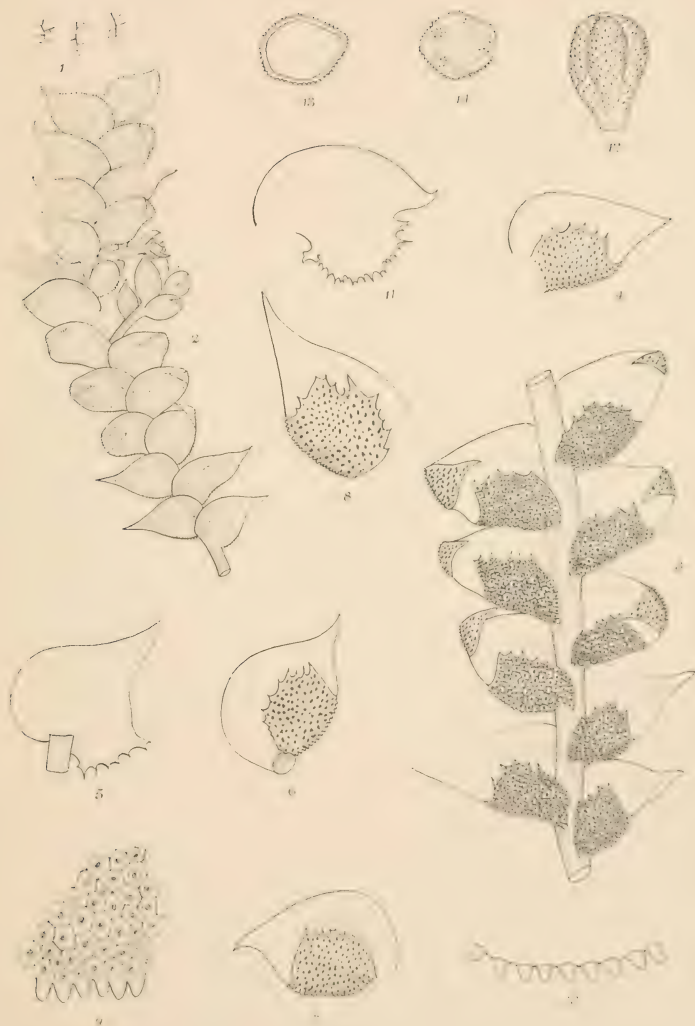
LEJEUNEA DIVERSILOBA





LEJEUNEA CALCAREA

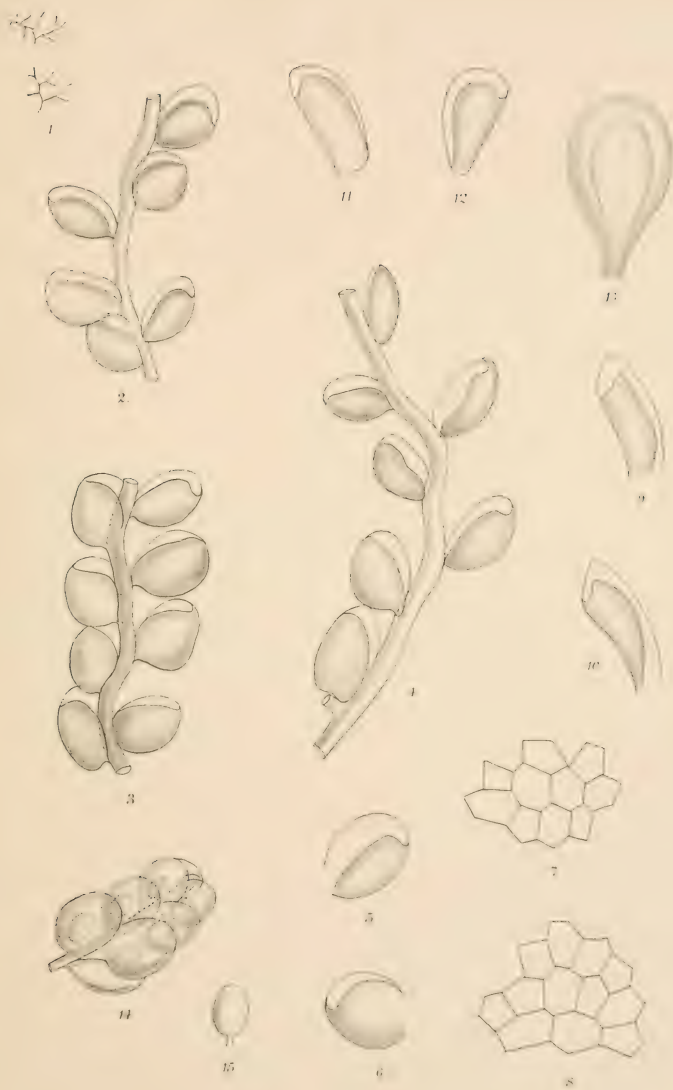




LEJEUNEA ROSSETTIANA

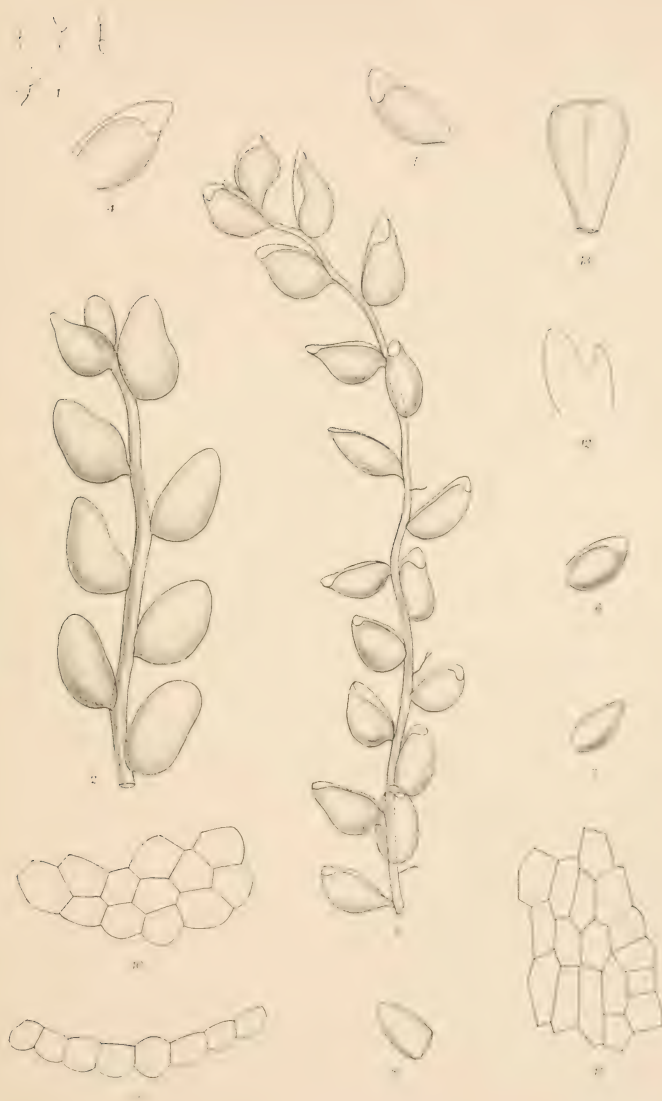






LEJEUNEA MINUTISSIMA





LEJEUNEA MICROSCOPICA

W.H.P. del J.N. Fitch lith.

Vincent Eresche, Day & Son Lith.

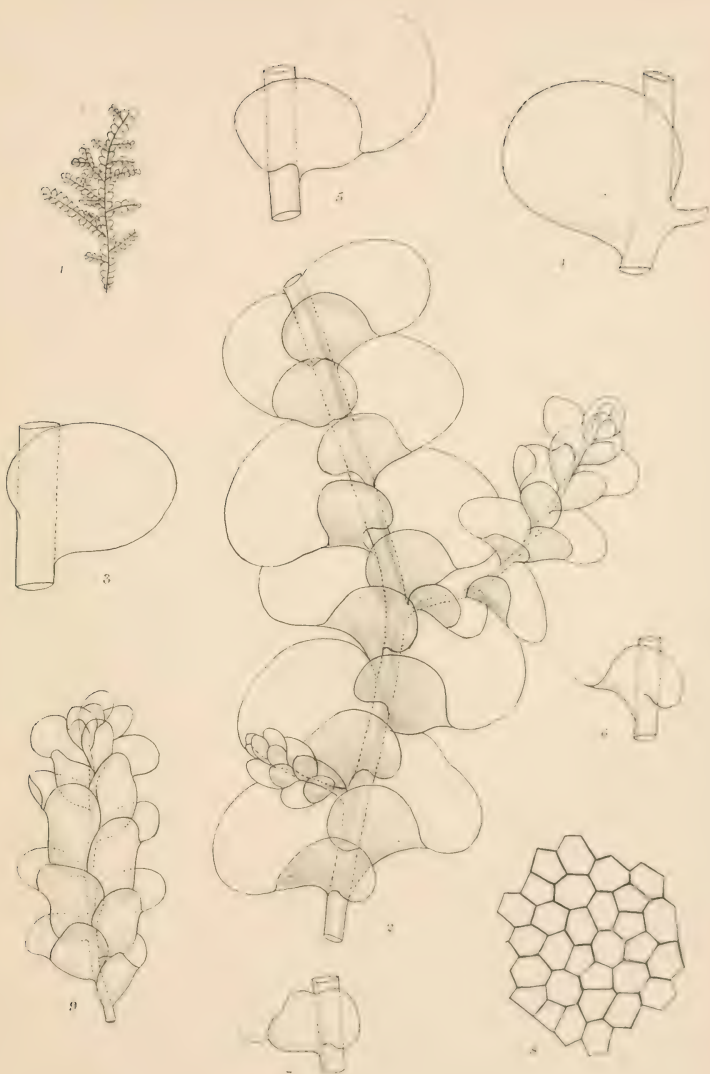




LEJEUNEA CALYPTRIFOLIA







*RADULA VOLUTA*

W.H.P. del J.N. Fitch

Vincent Brooks, Day & Son Lith.

L. Reeve & Co London





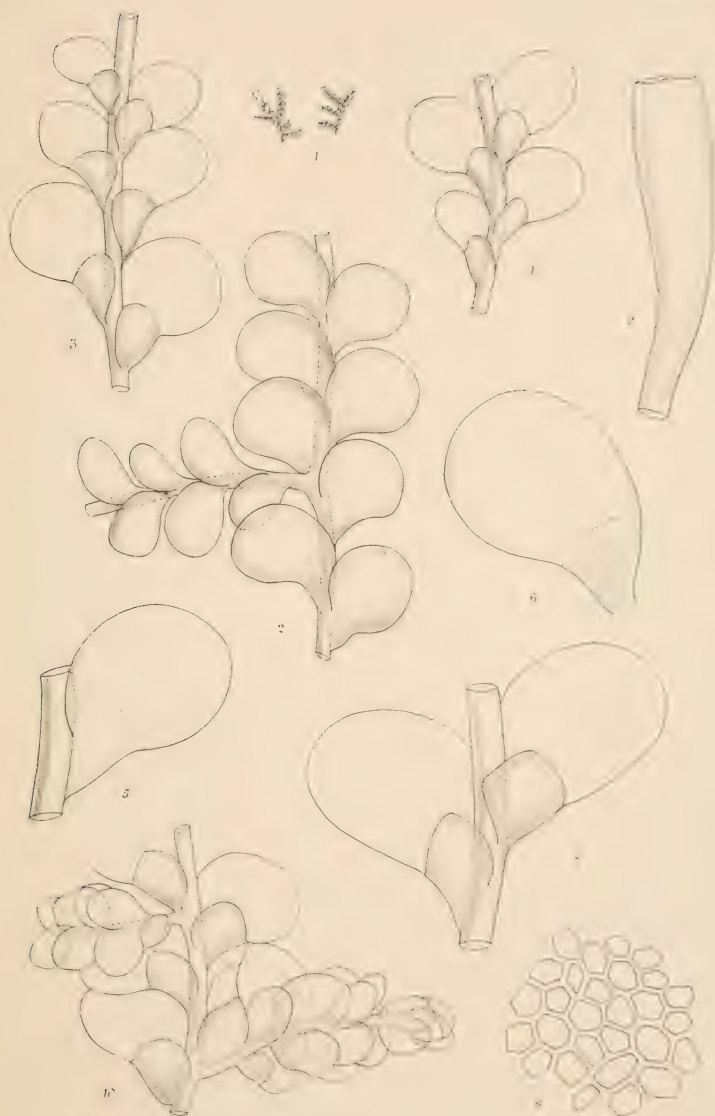
RADULA LINDBERGHII





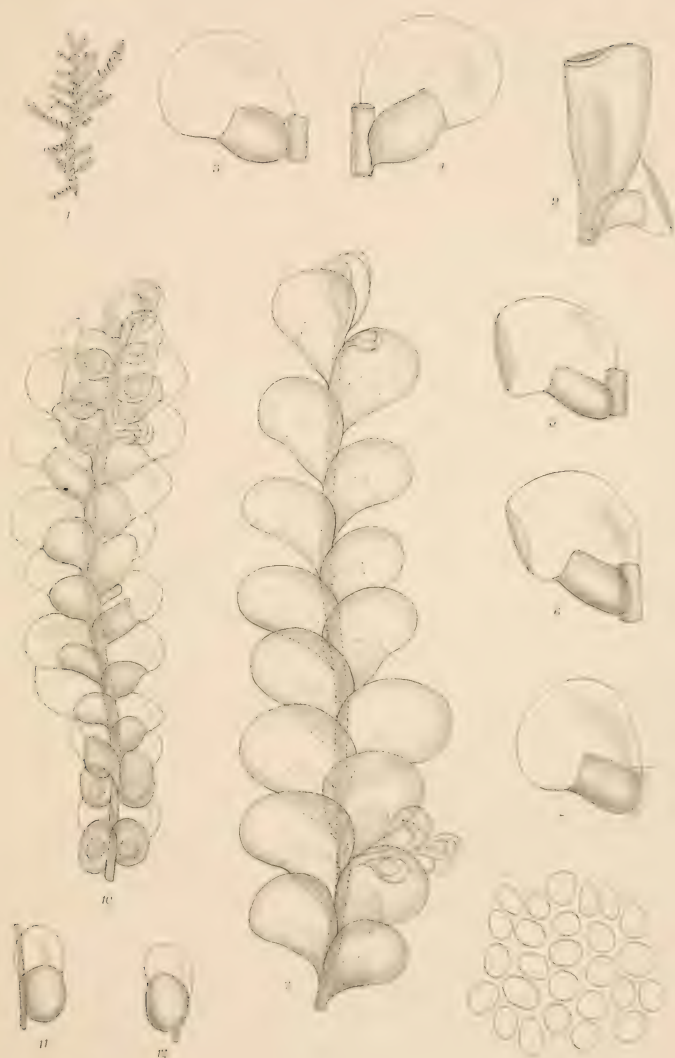






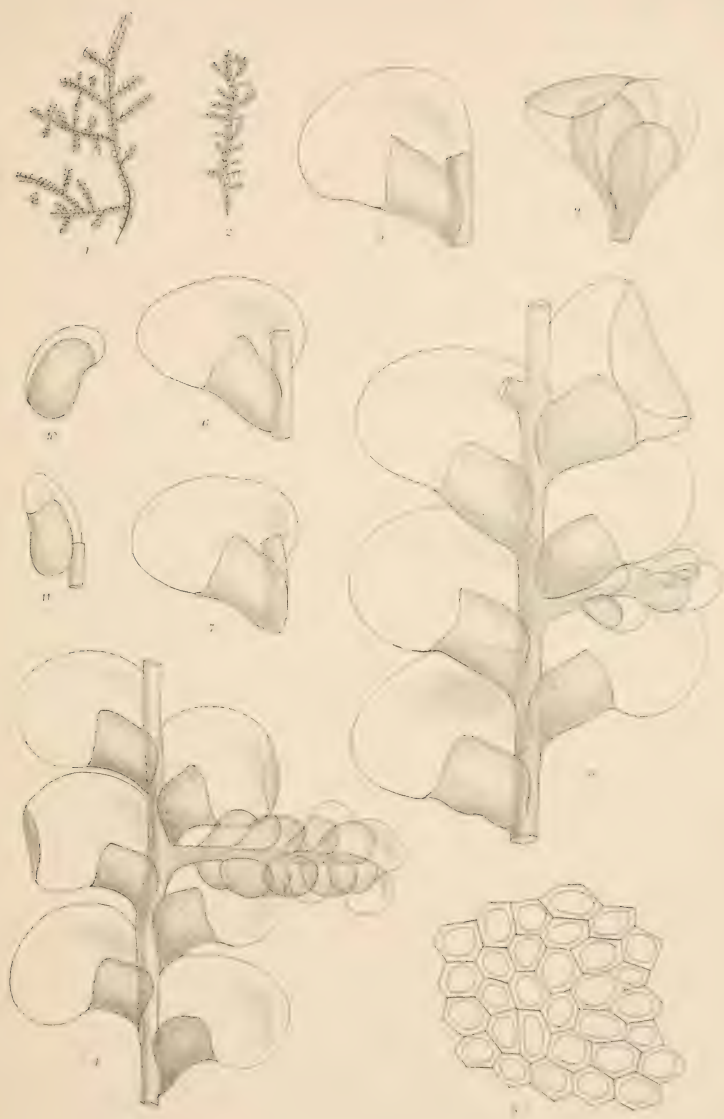
*RADULA HOLTII*





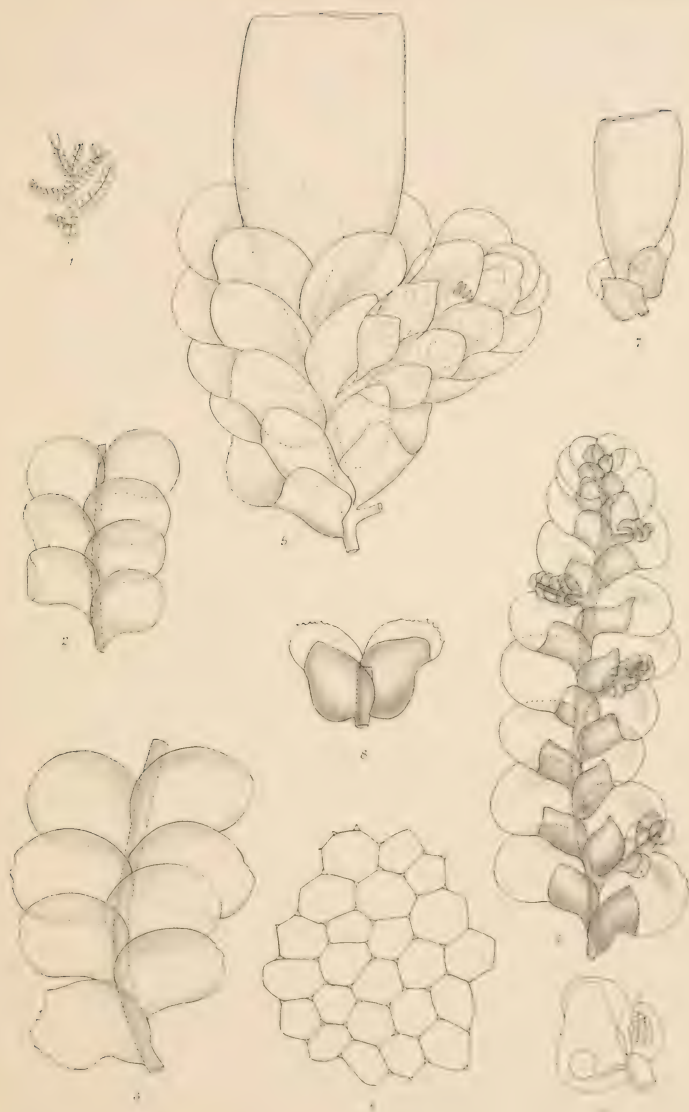
RADULA AQUILEGIA





RADULA CARRINGTONII

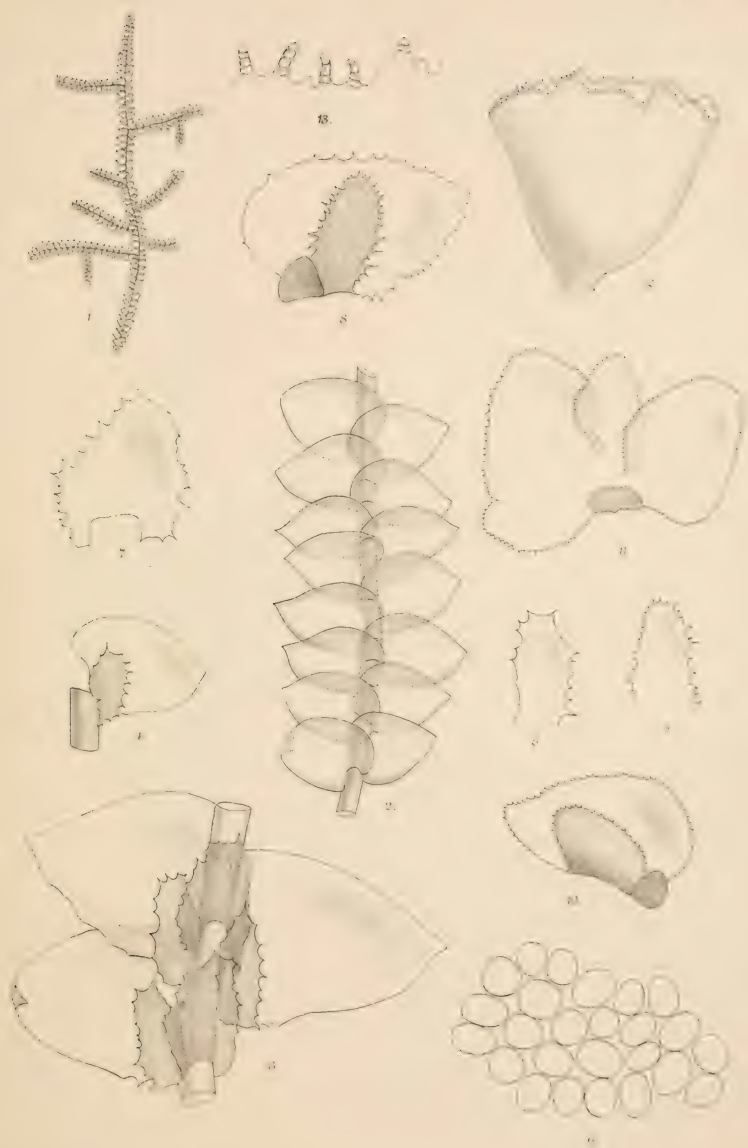




RADULA COMPLANATA

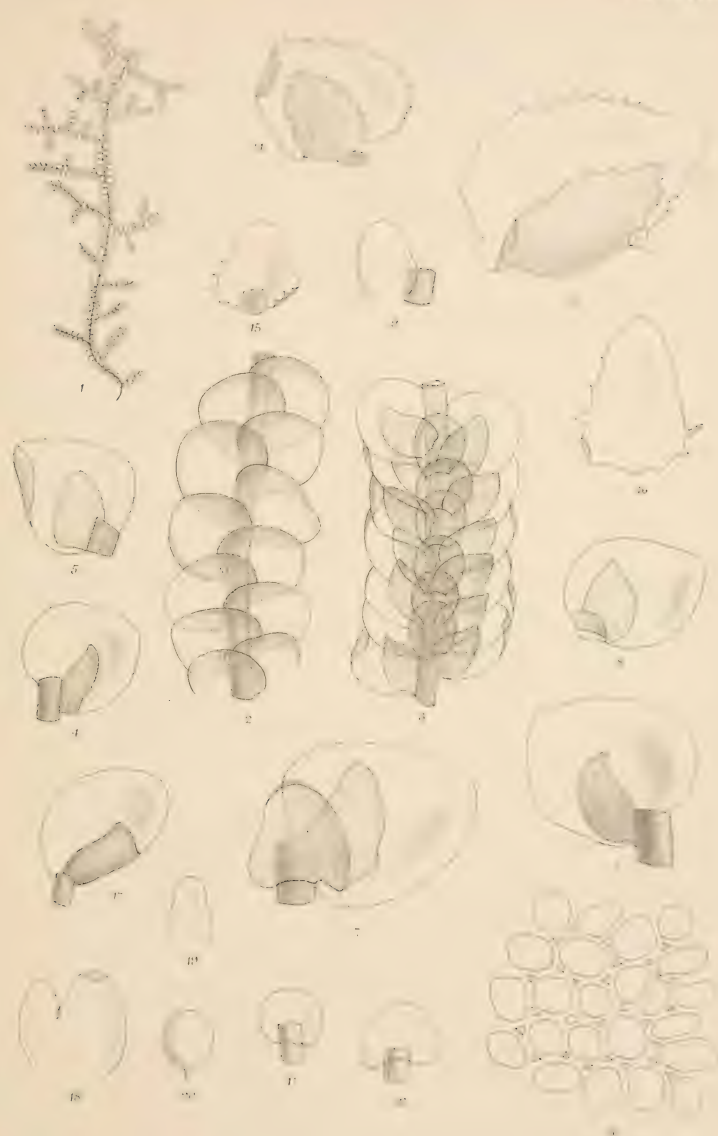






PORELLA LAEVIGATA





*Tilia*

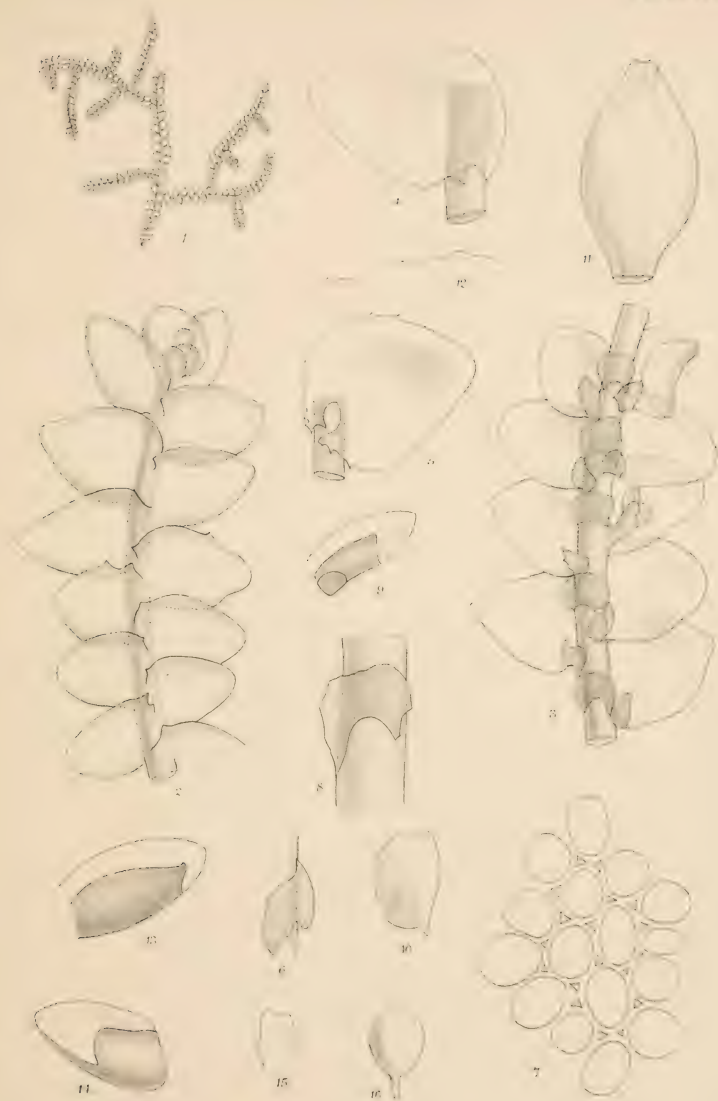




PORELLA PLATYPHYLLA

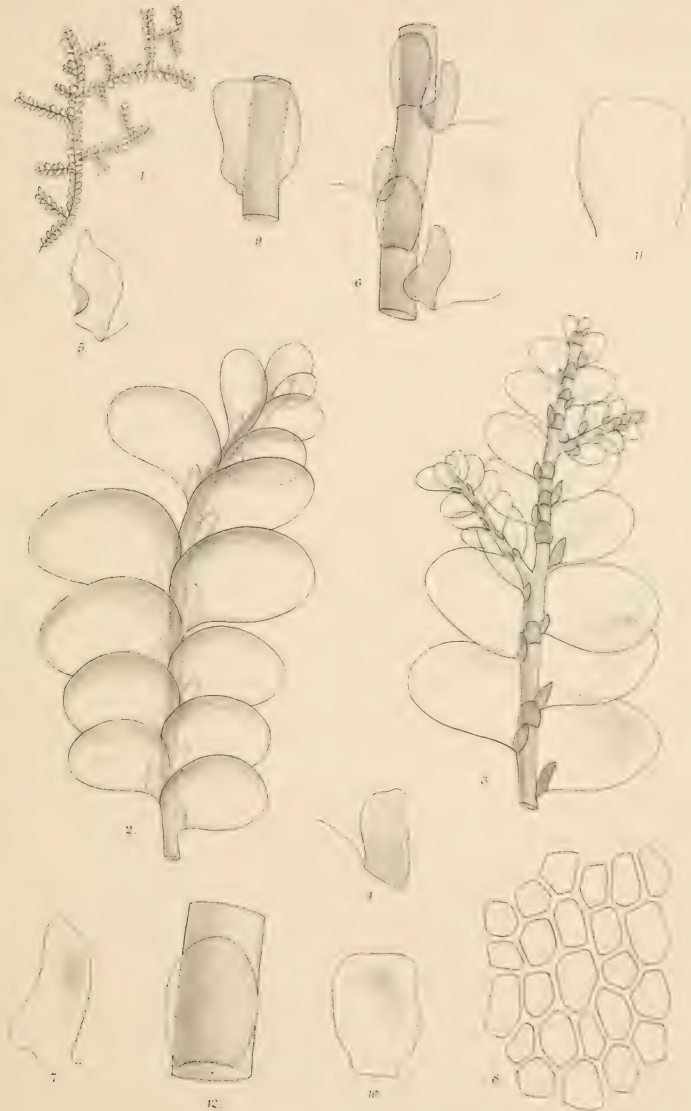






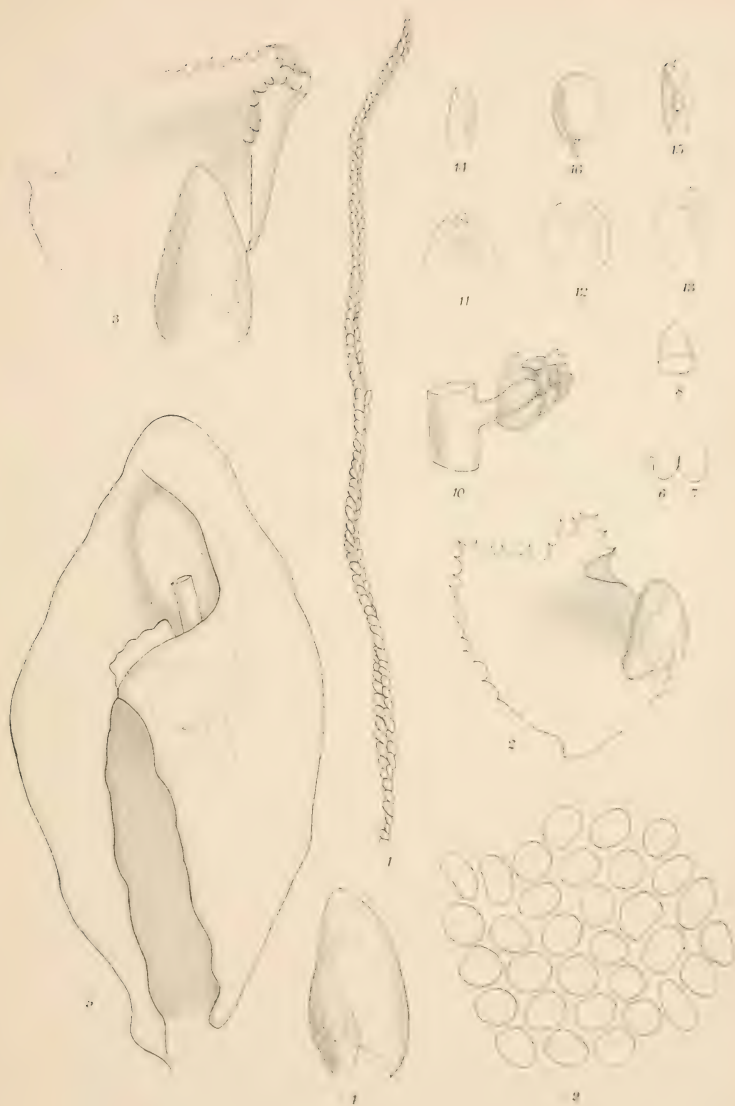
PORELLA RIVULARIS





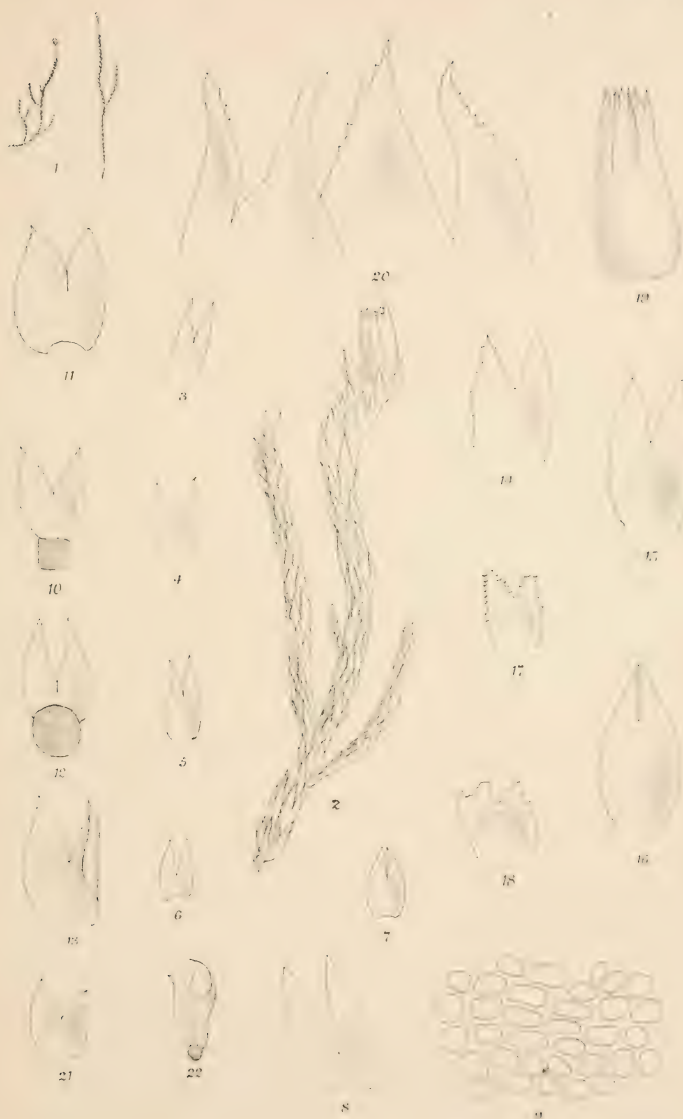
PORELLA PINNATA





PLEUROZIA COCHLEARIFORMIS





*ANTHELIA JULACEA*

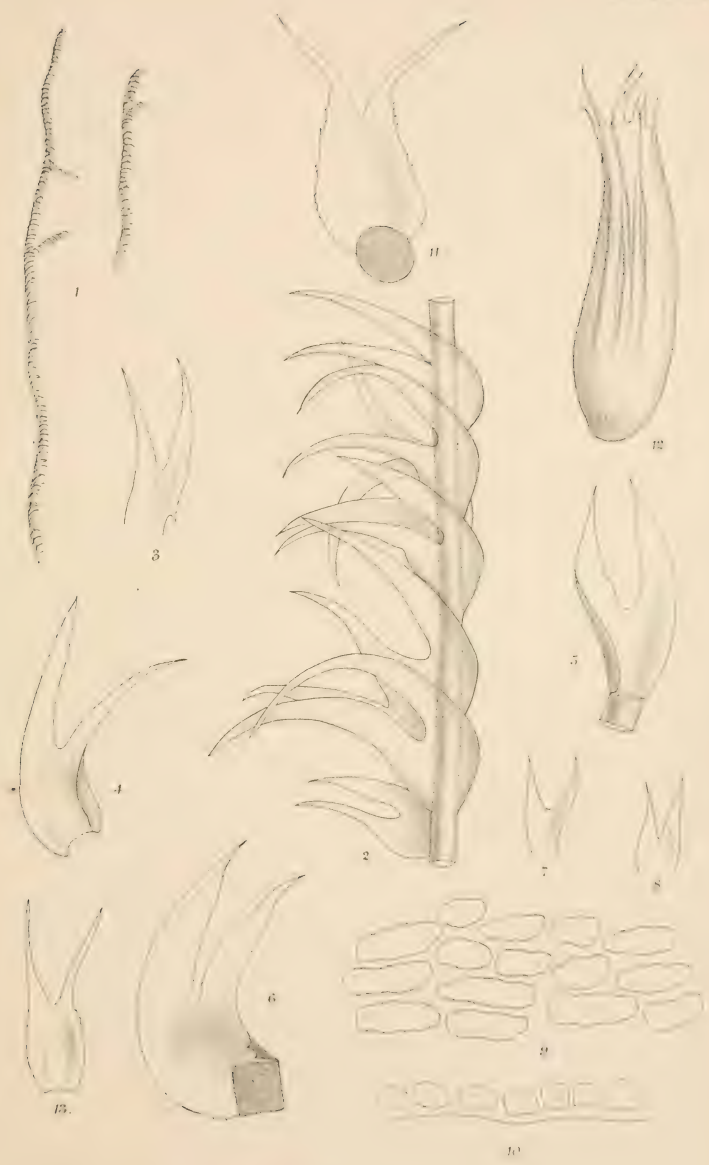






ANTHELIA JURATZKANA





TIBBERTIA ADUNCA.





MASTICOPHORA WOODSII

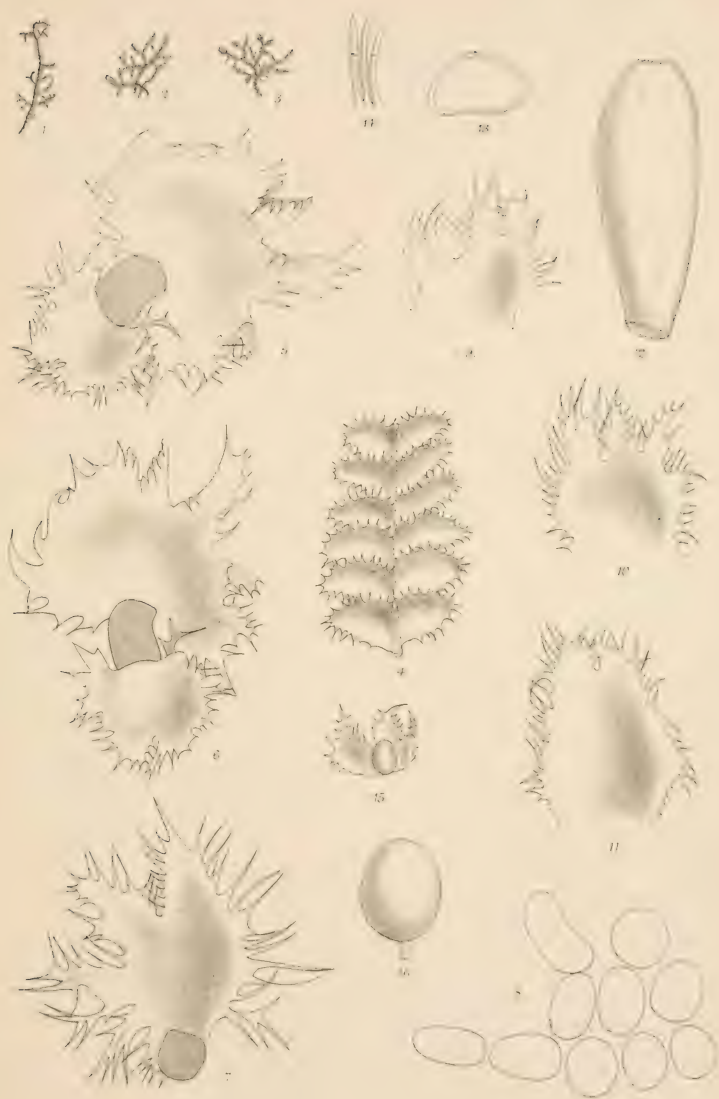




BLEPHAROZIA CILIARIS







BLEPHAROZIA PULCHERRIMA.





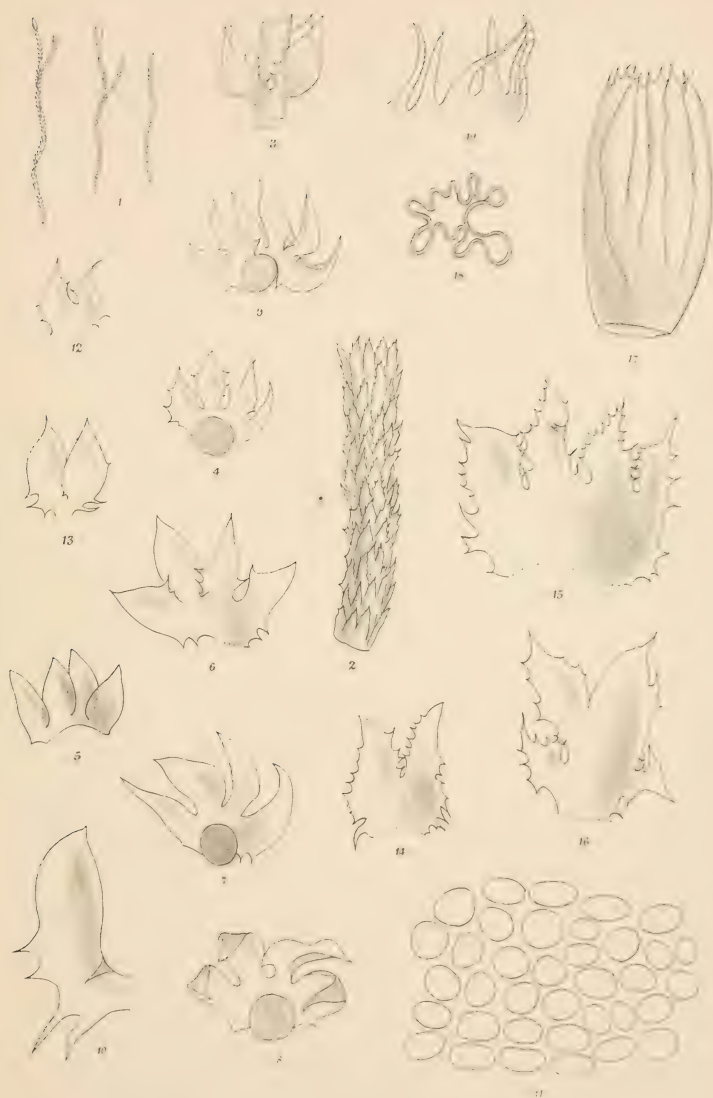
TRICHOCOLEA TOMENTELLA





BLEPHAROSTOMA TRICHOPHYLLUM

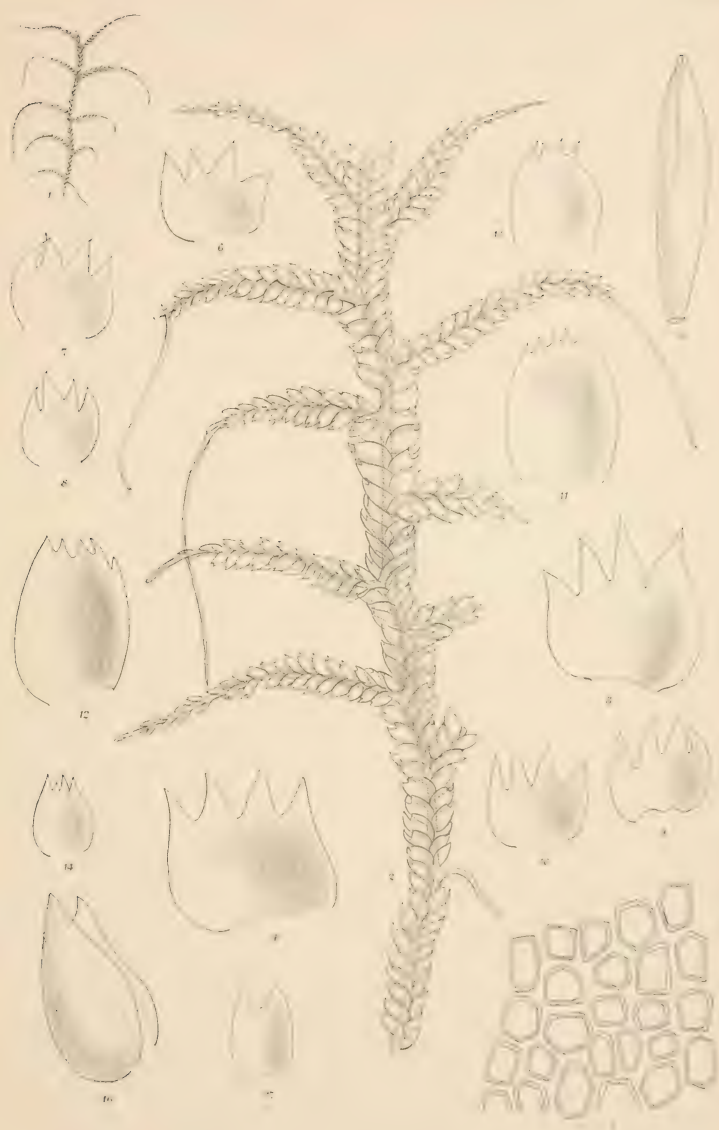




CHANDONANTHUS SETIFORMIS







LEPIDOZIA CUPRESSINA

Wineent Branch Dry 10m 1-1/2 m





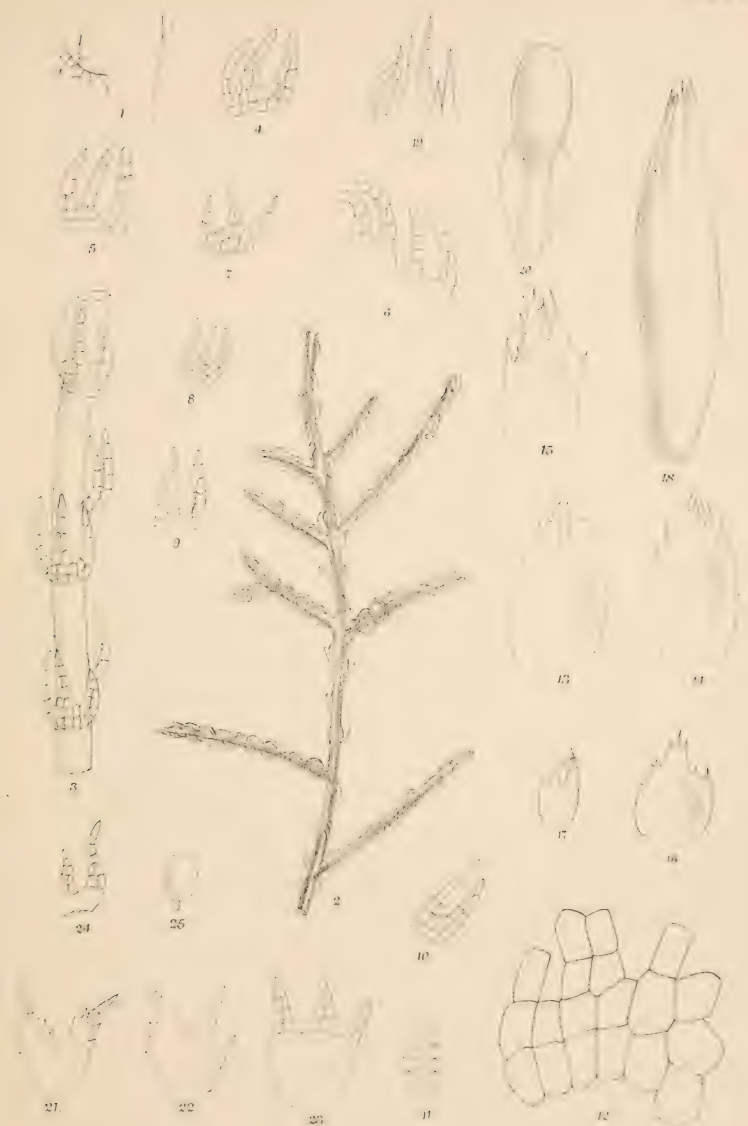
LEPIDOZIA REPTANS





LEPIDOZIA PEARSONI

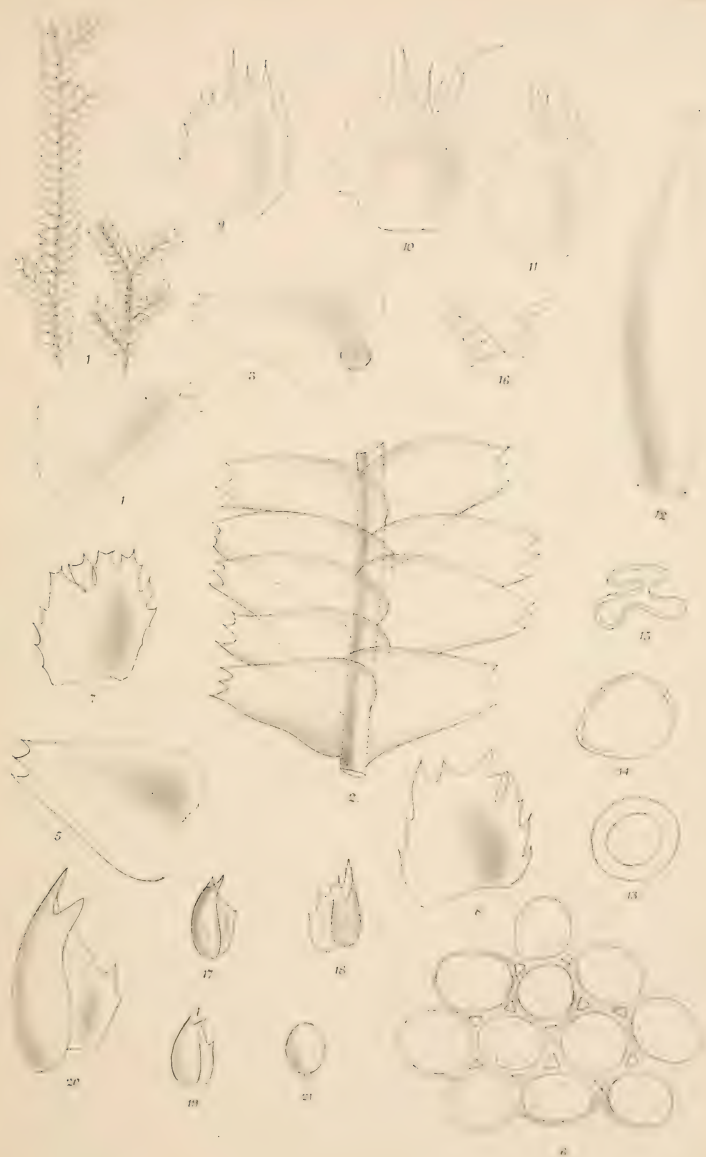




*LIPIDIZA SETACEA*







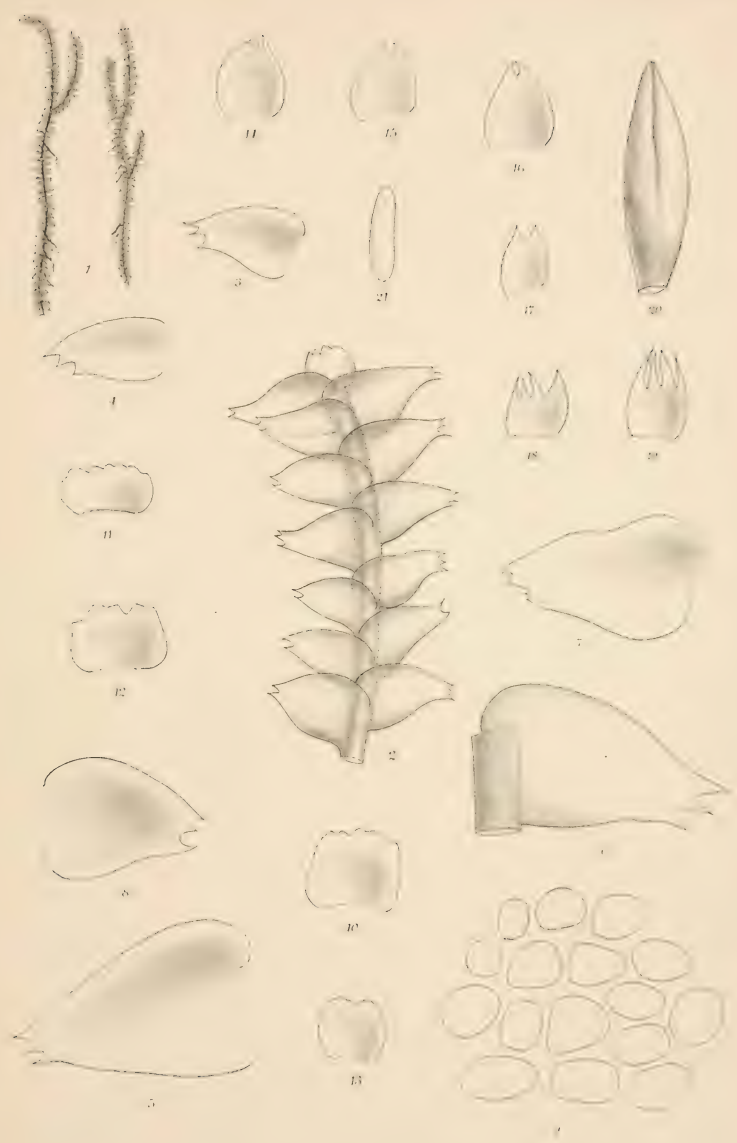
BAZZANIA TRILOBATA





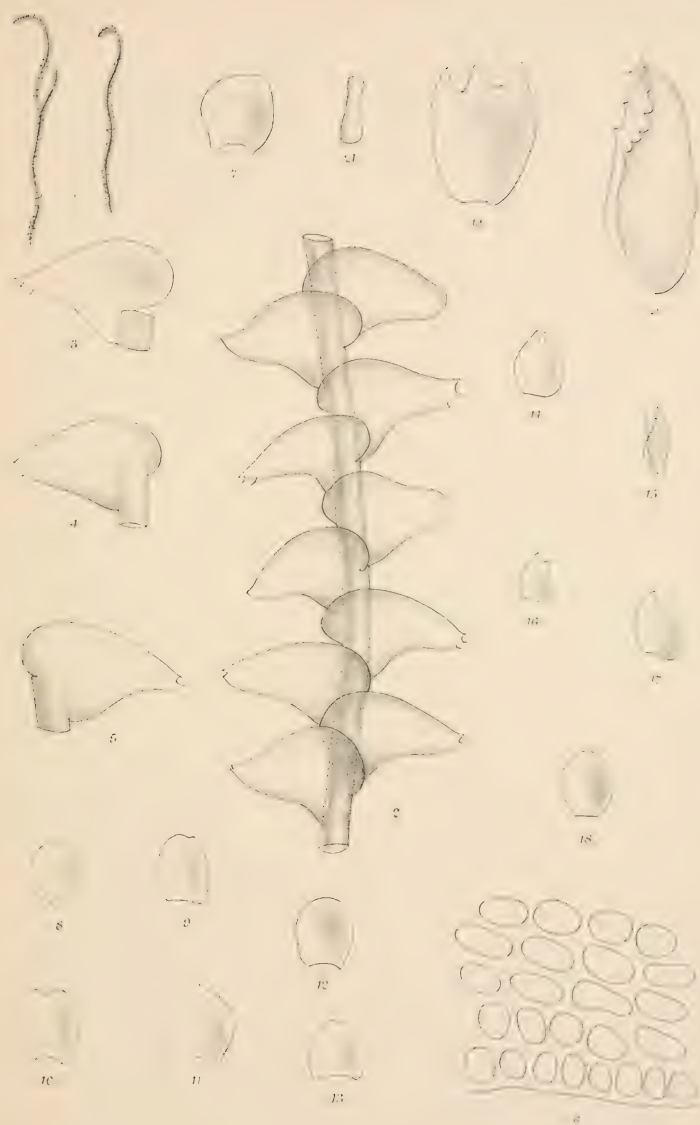
*BAZZANIA TRIANGULARIS*





BAZZANIA TRIOPRENATA



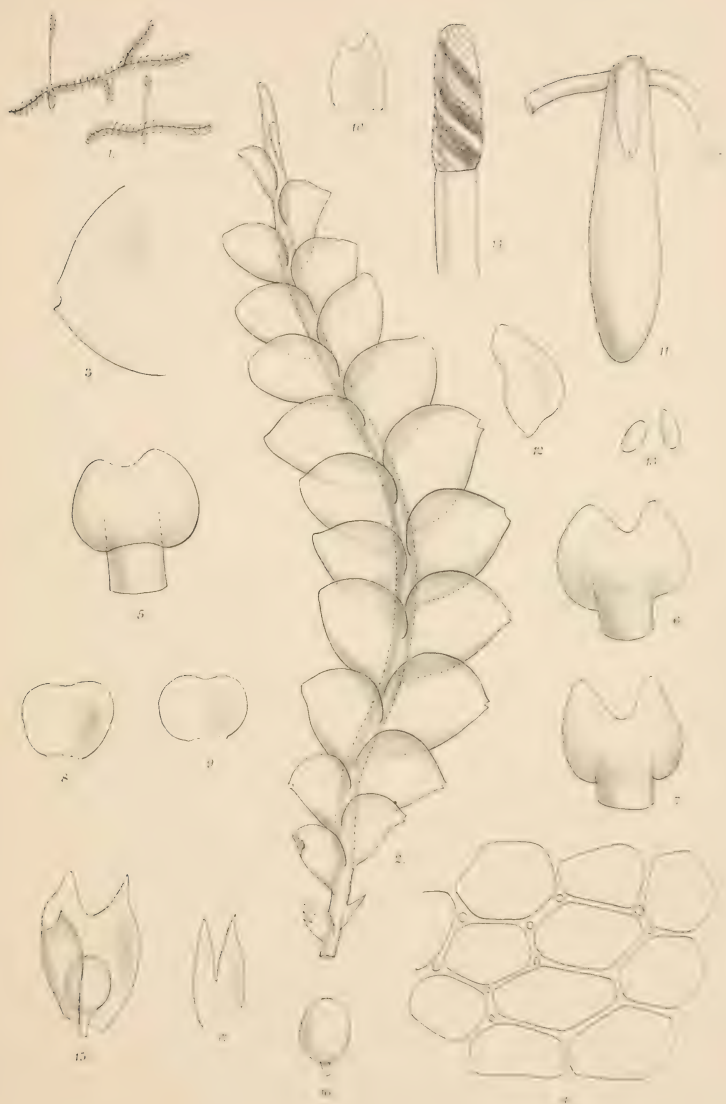


BAZZANIA PEARSONI

Vincent H. Brown, Day, San Francisco

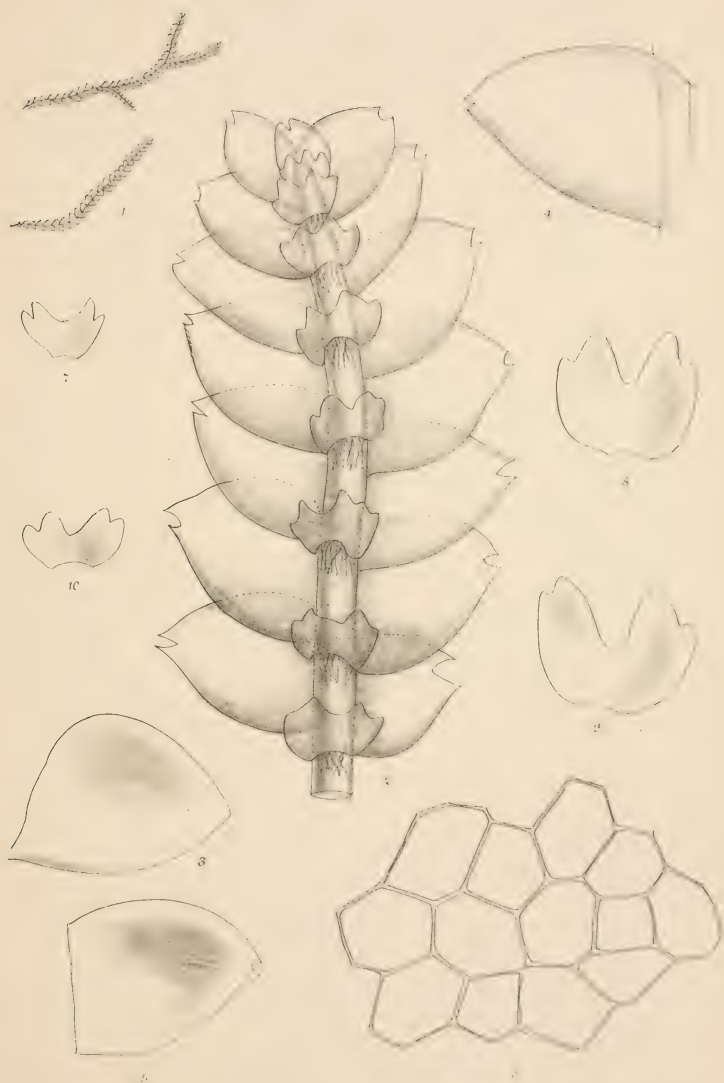






KANTIA TRICHOMANIS





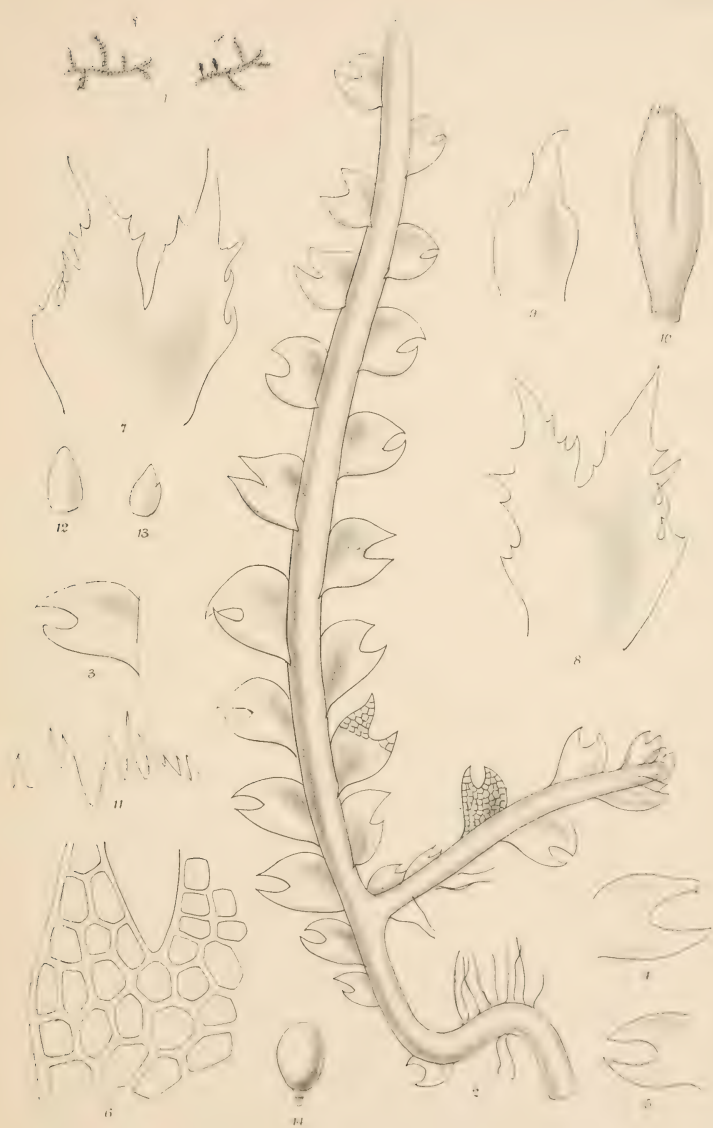
KANTIA SPRENGELII





KANTIA ARGUTA.

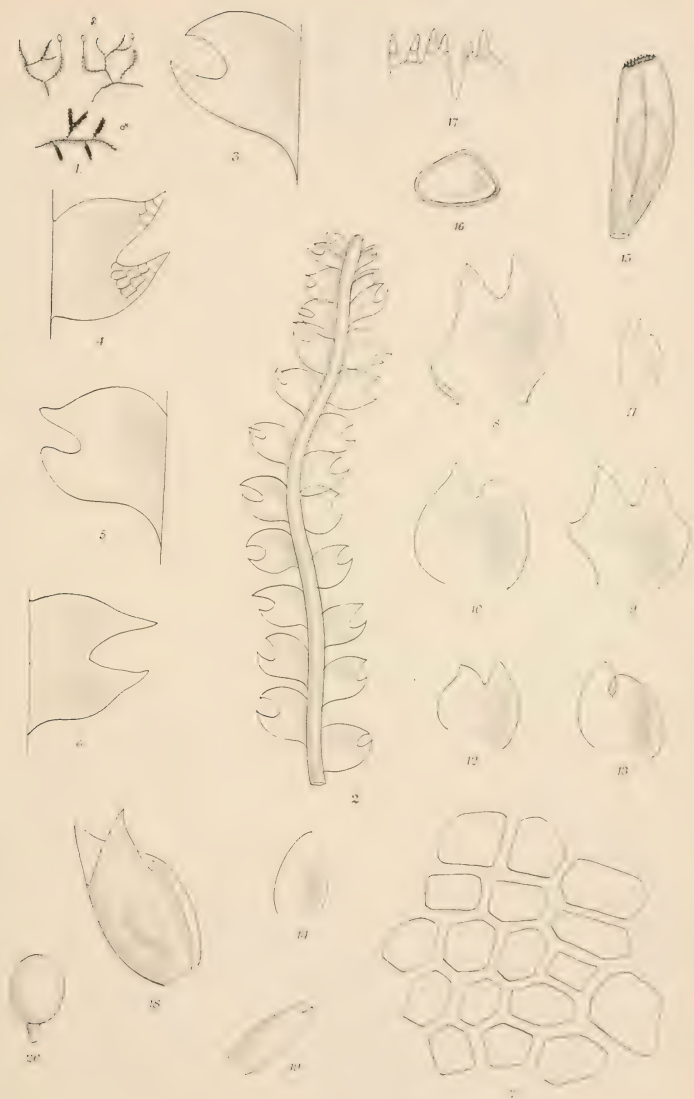




CEPHALOZIA CATENULATA

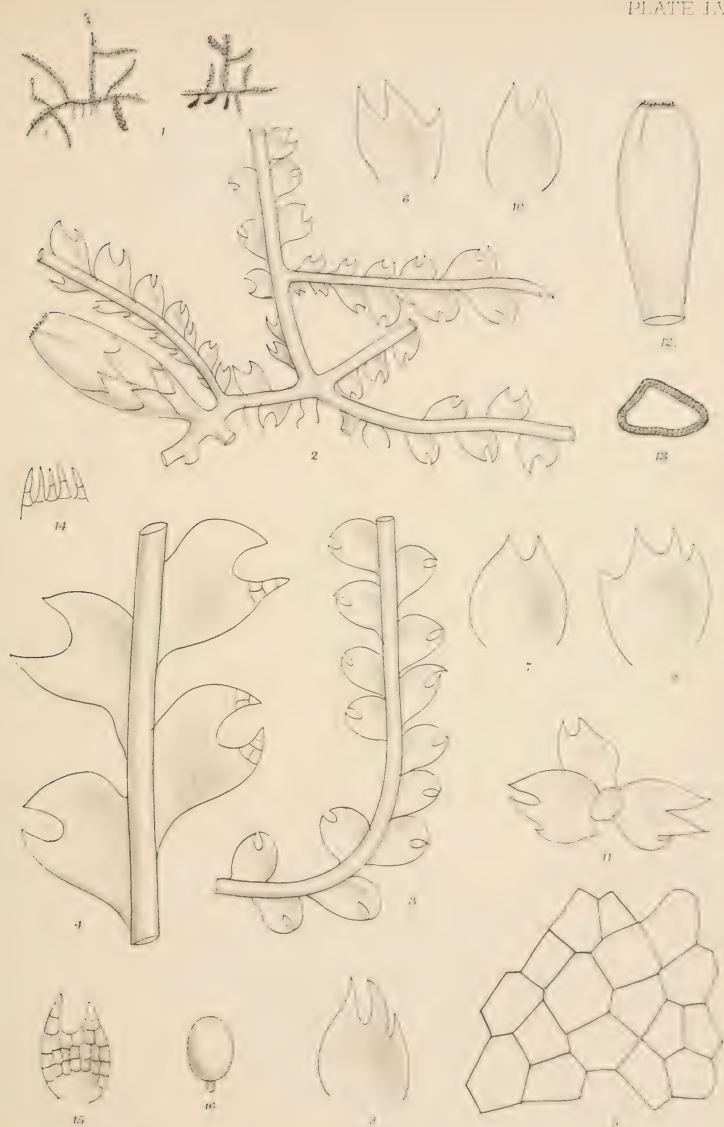






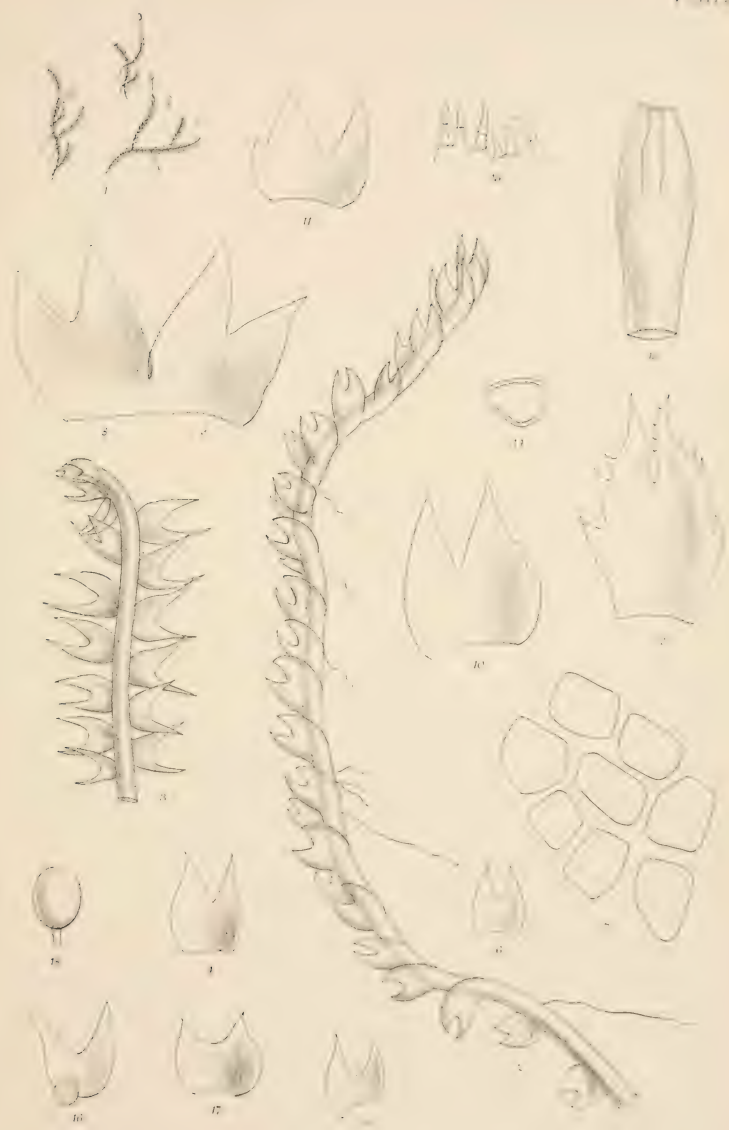
PHALLOPSALIDAE





CEPHALOZIA LUNULIFOLIA





CEPHALOZIA BICUSPIDATA





CEPHALOZIA LAMMERSIANA

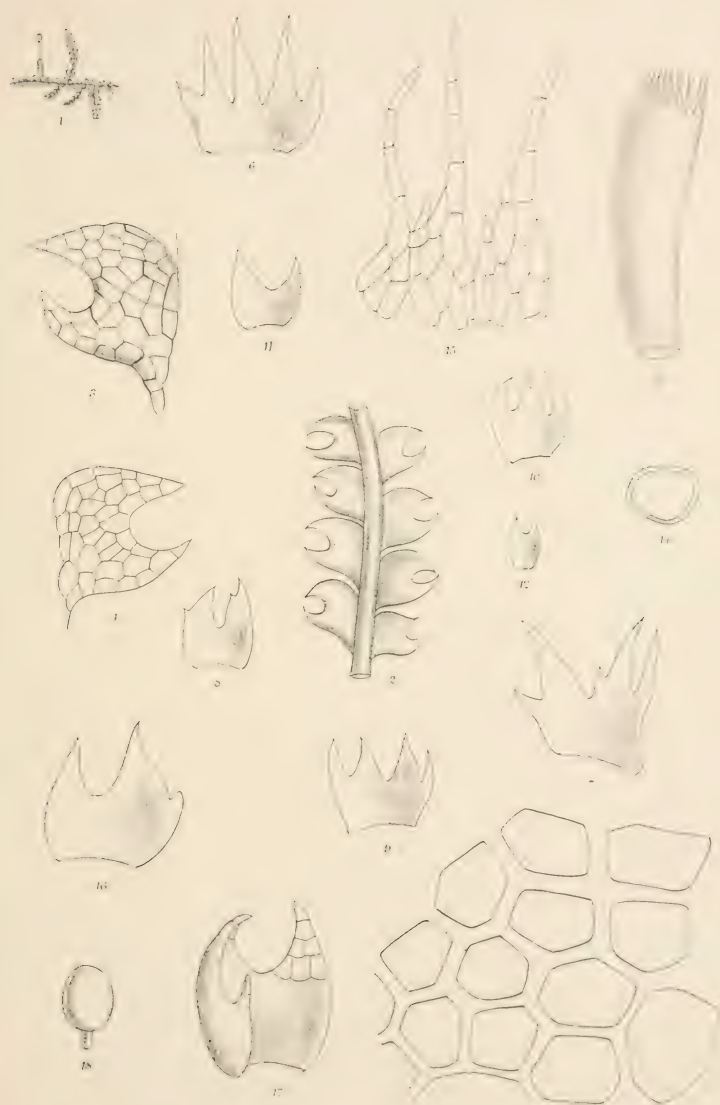






CEPHALOZIA HIBERNICA.



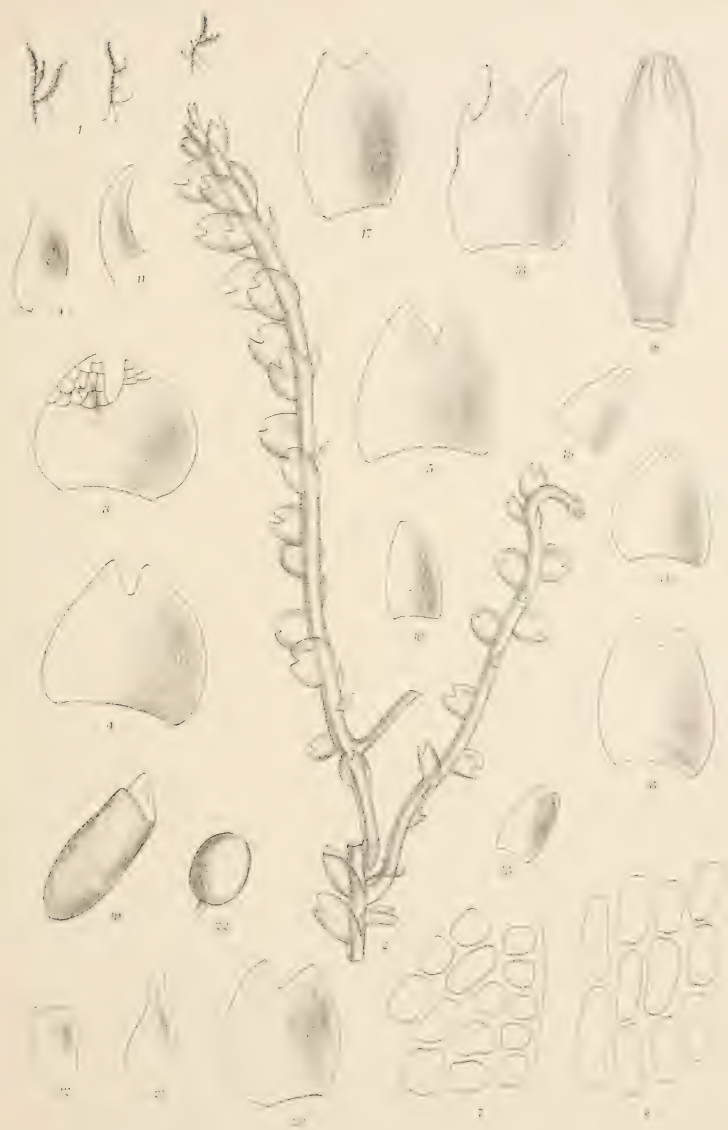


CEPHALOZIA CONNIVENS









CEPHALOXIA

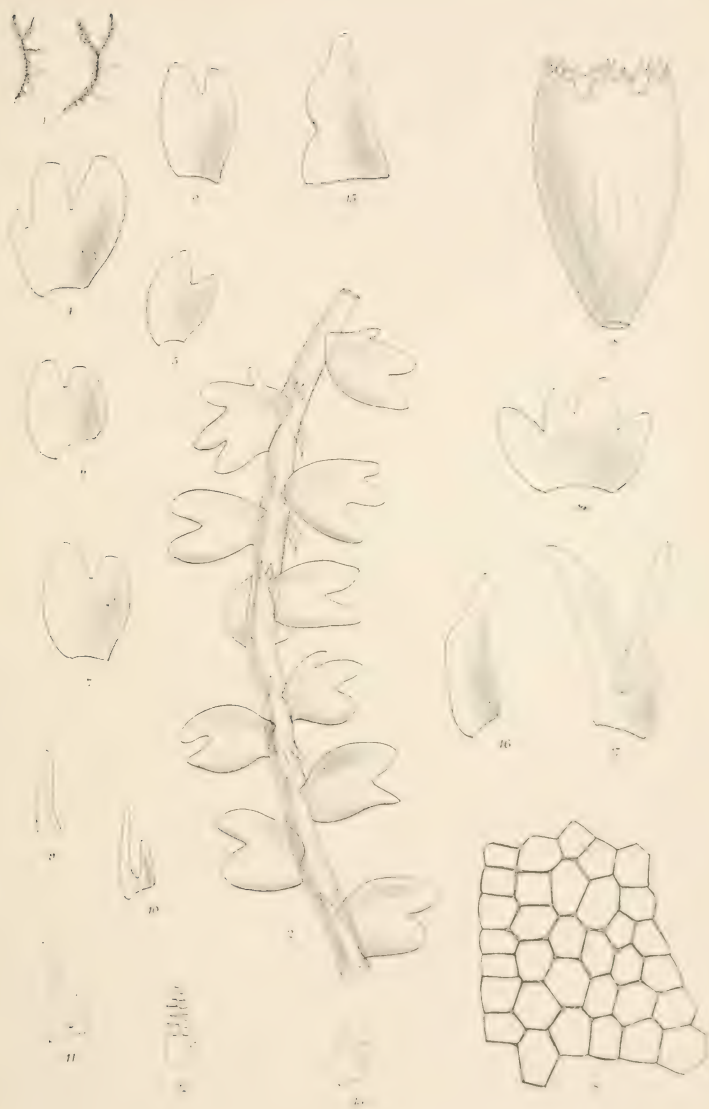




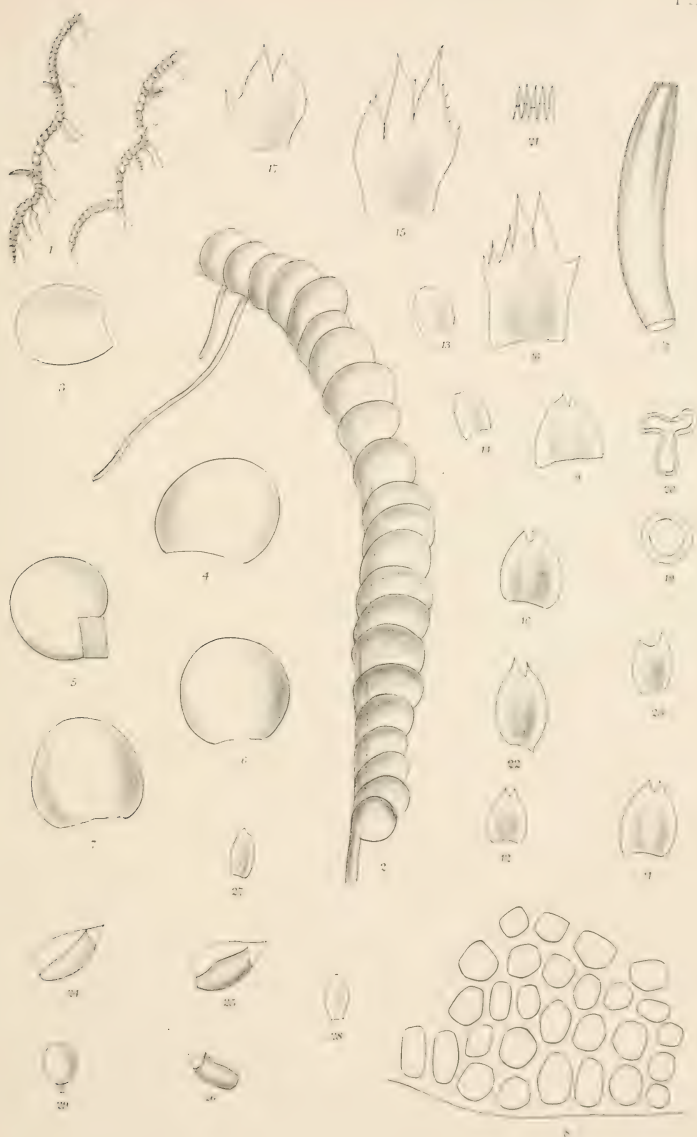


CEPHALOXIA FLUITANS









CEPHALOZIA SPHAGNI





CEPHALOZIA DENUDATA







CEPHALOZIA DIVARICATA





CEPHALOZIA STELLULIFERA





CEPHALOTIA LERRARIA

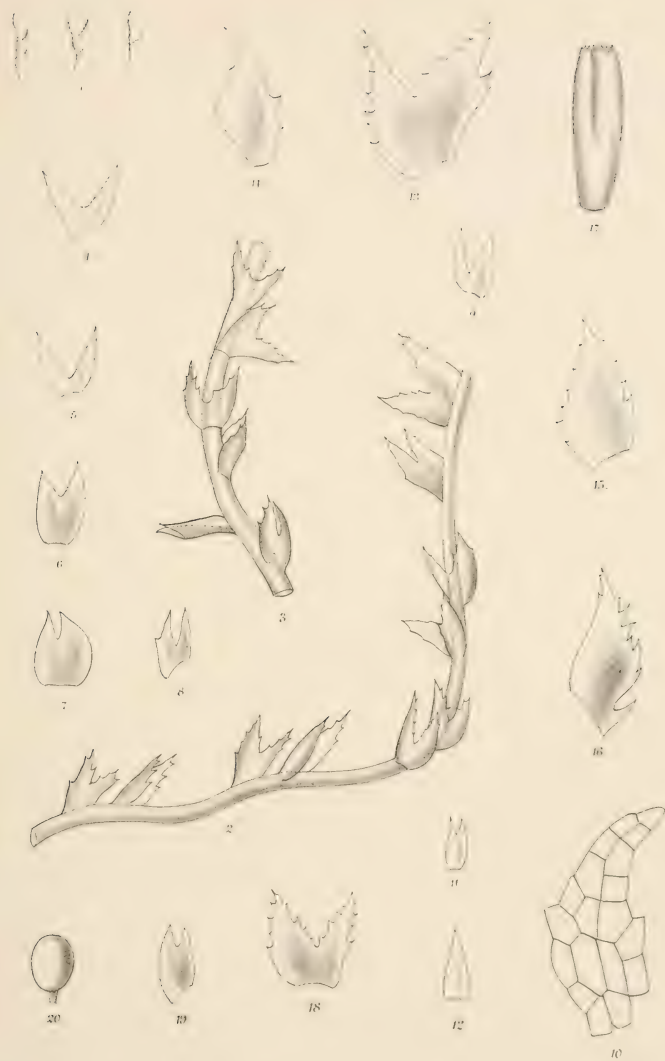




CEPHALOZIA JACKII







CEPHALOZIA ELACHISTA





CEPHALOZIA LEUCANTHA





CEPHALOZIA DENTATA





PRIONOLOBUS TURNERI







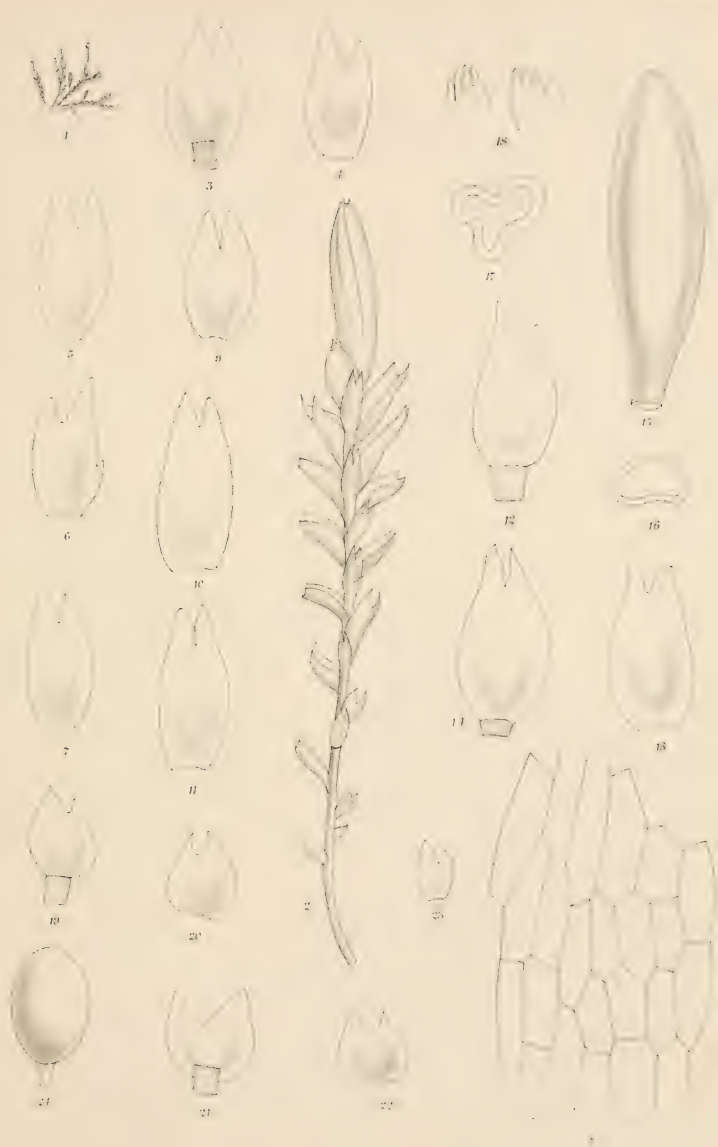
PERFORATA, ALBESCENT





PLEUROCLADA ISLANDICA





HYGROBIELLA LAXIFOLIA





EREMONOTUS MYRIOCARPUS







ADELANTHUS DECIPIENS





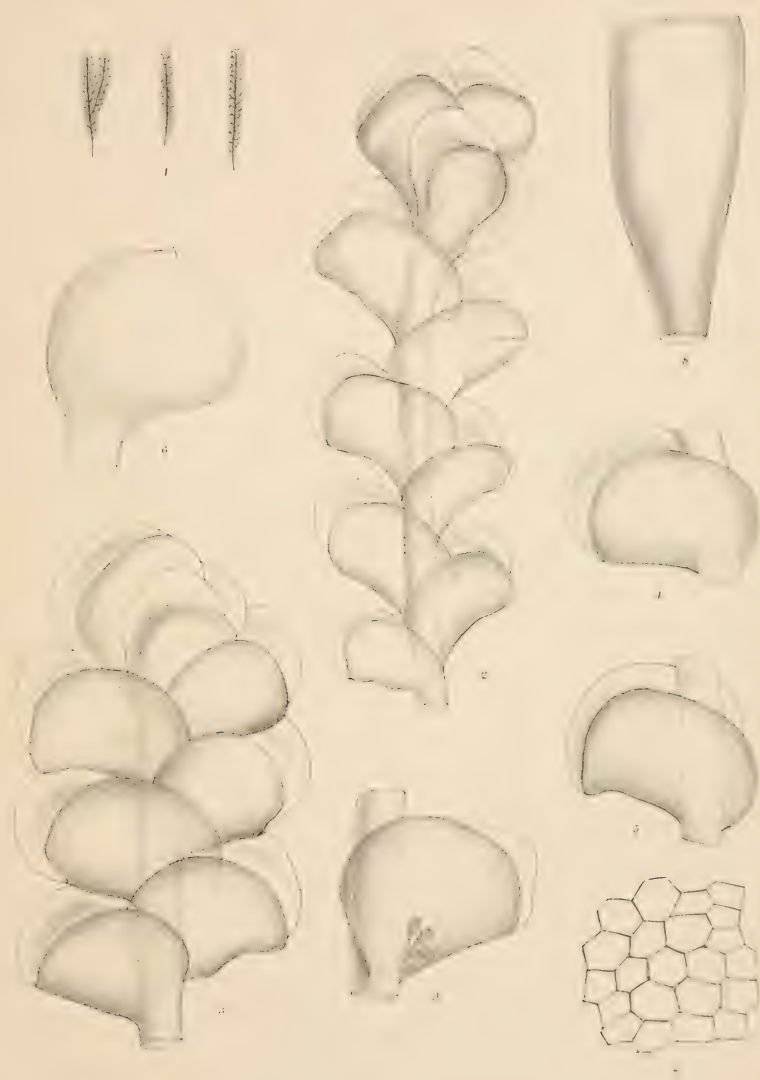
SCAPANIA COMPACTA





*Asplenium platyneuron*





SCAPANIA SUBALPINA







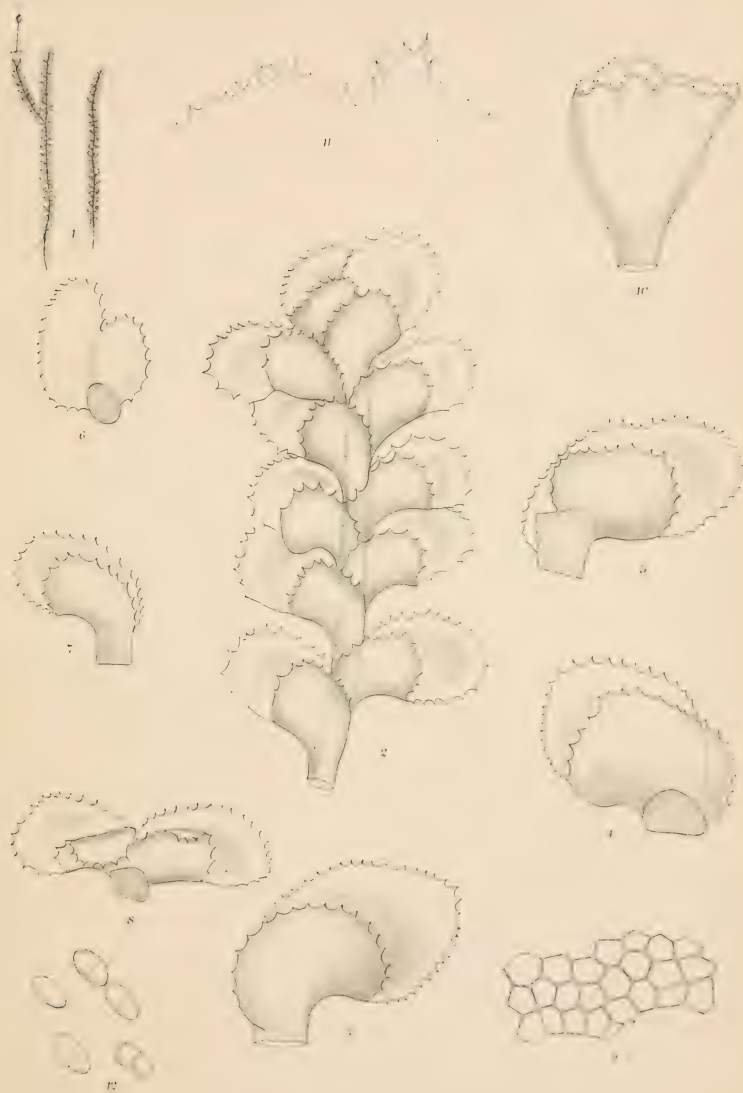
SCAPHARIA SCUTELLARIA.





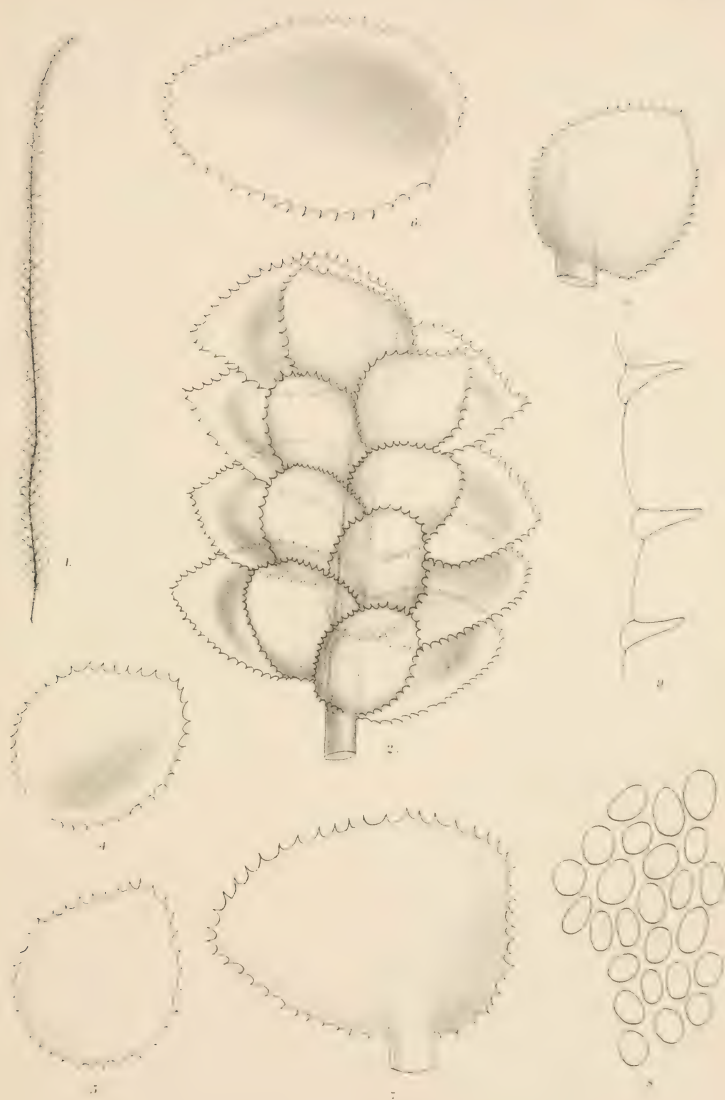
SCAPANIA ASPERA





*STADIUM DE QUINATA*

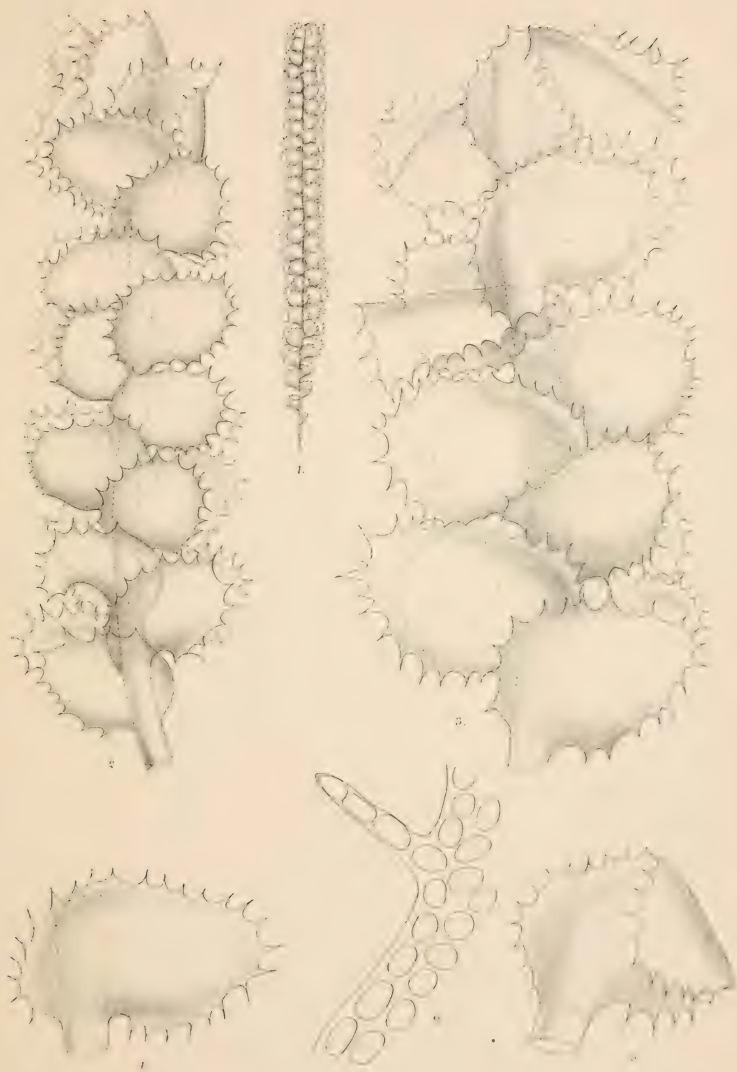




SCAPANIA ORNITHOPODIOIDES

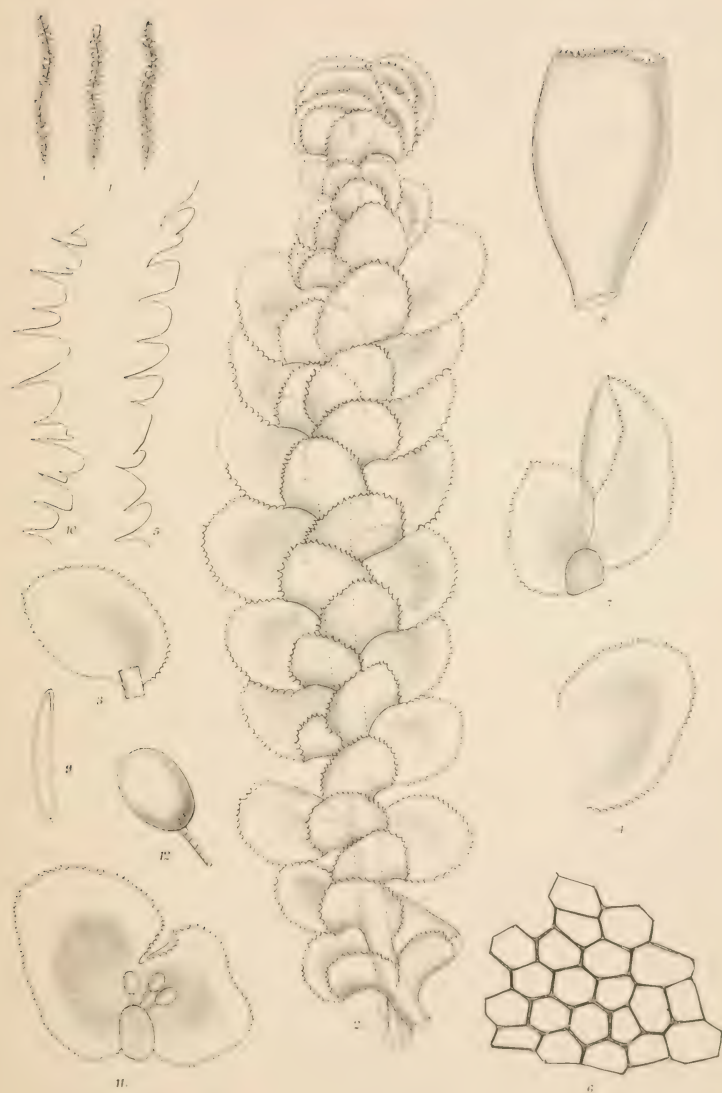






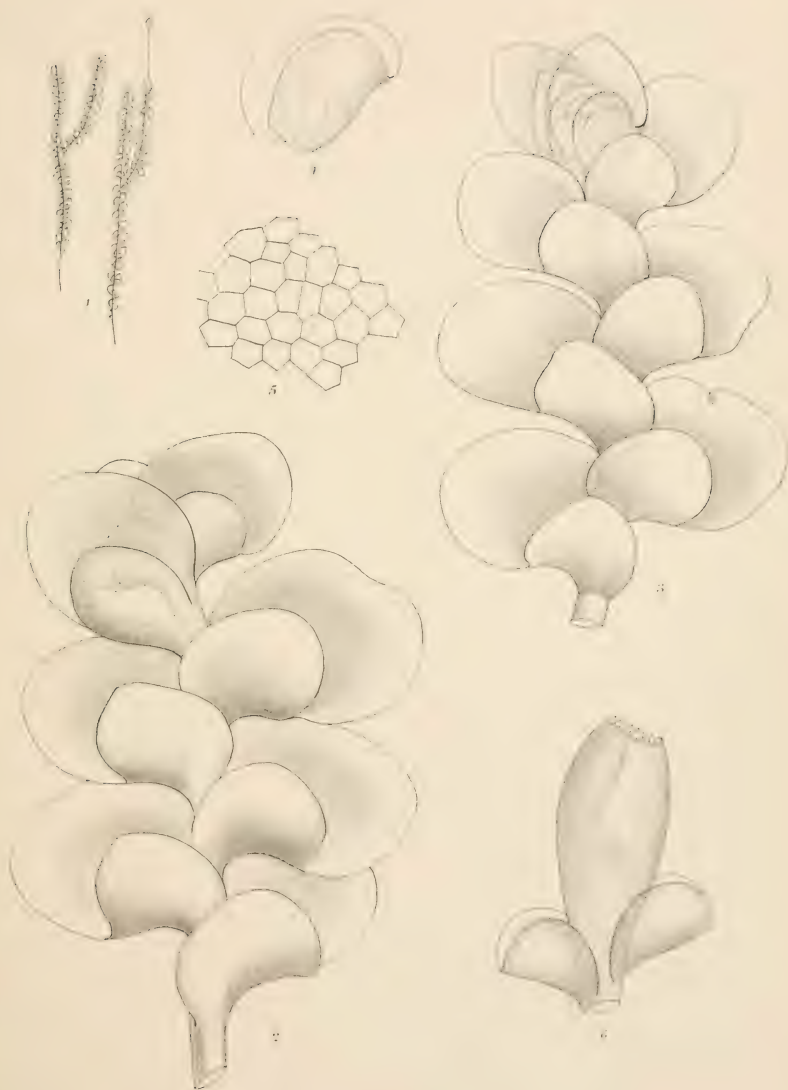
SCAPANIA NIMBOSA





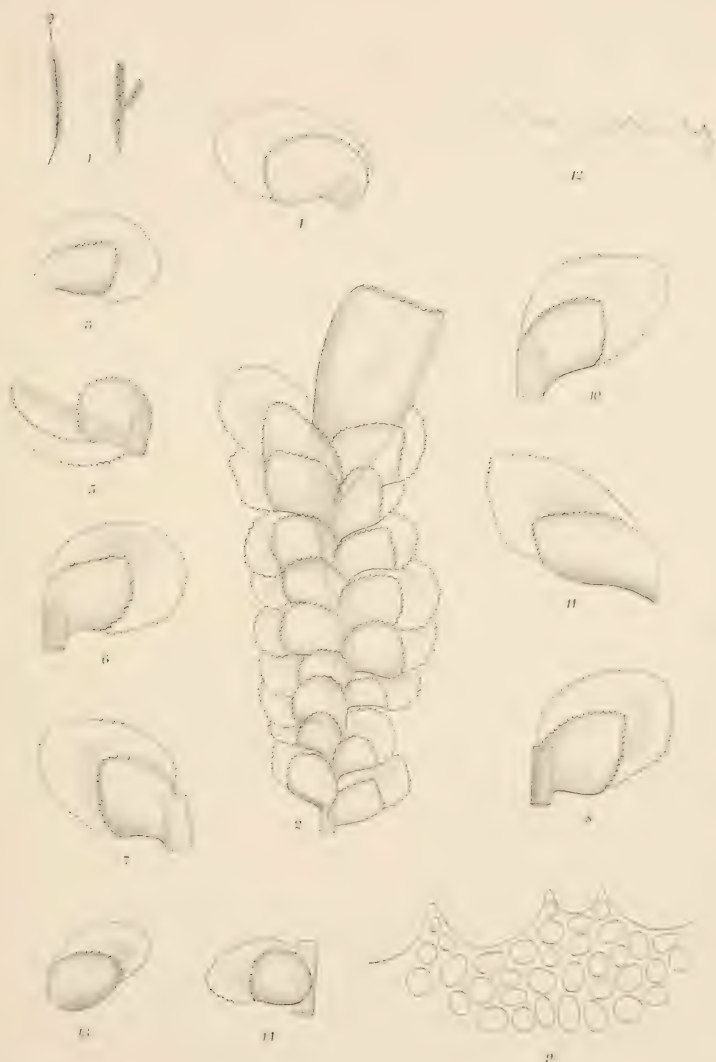
SCAPANIA NEMOROSA





SCAPANIA UNDULATA

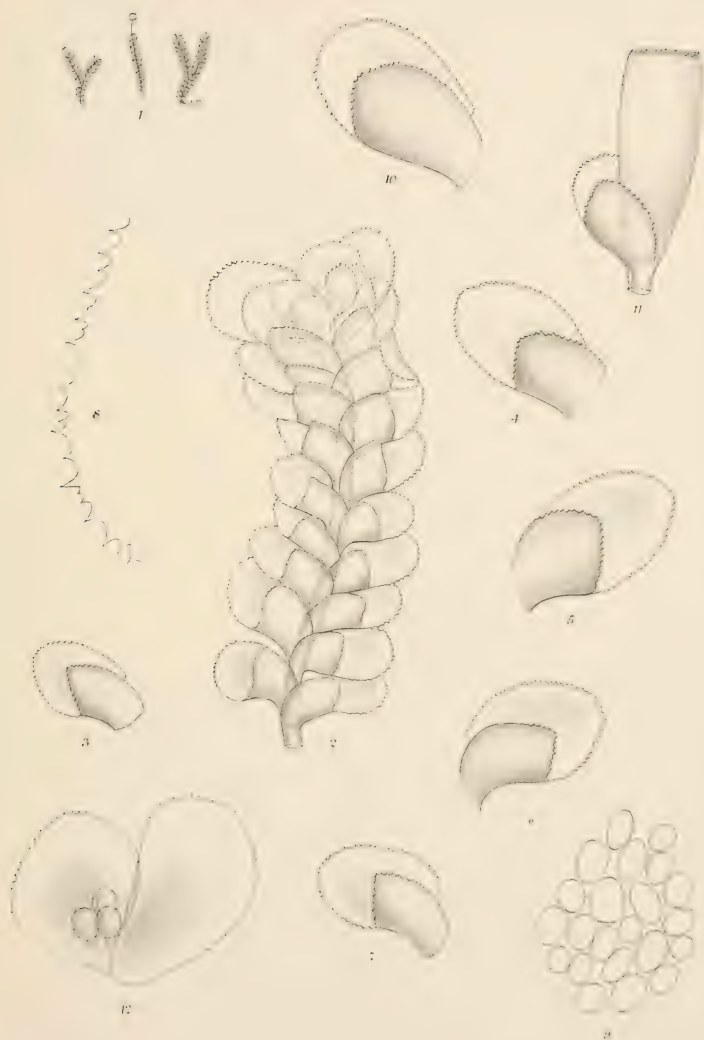




SCAPANIA PURPURASCENS

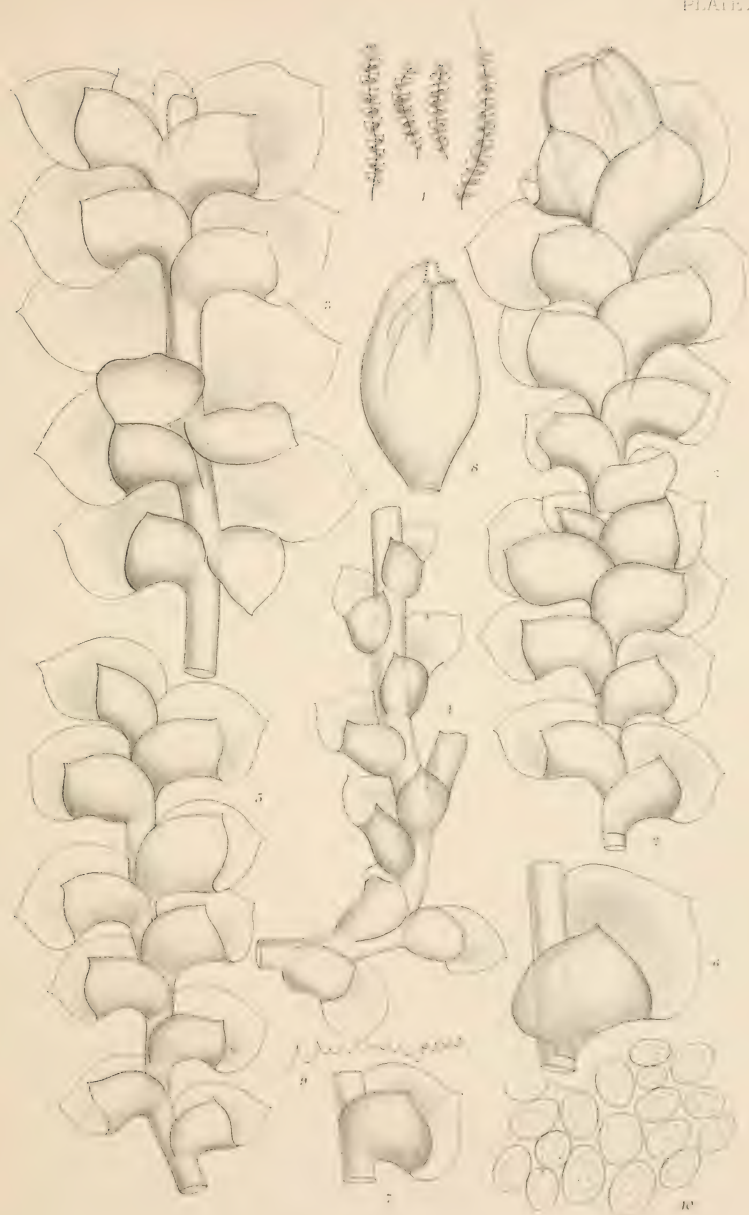






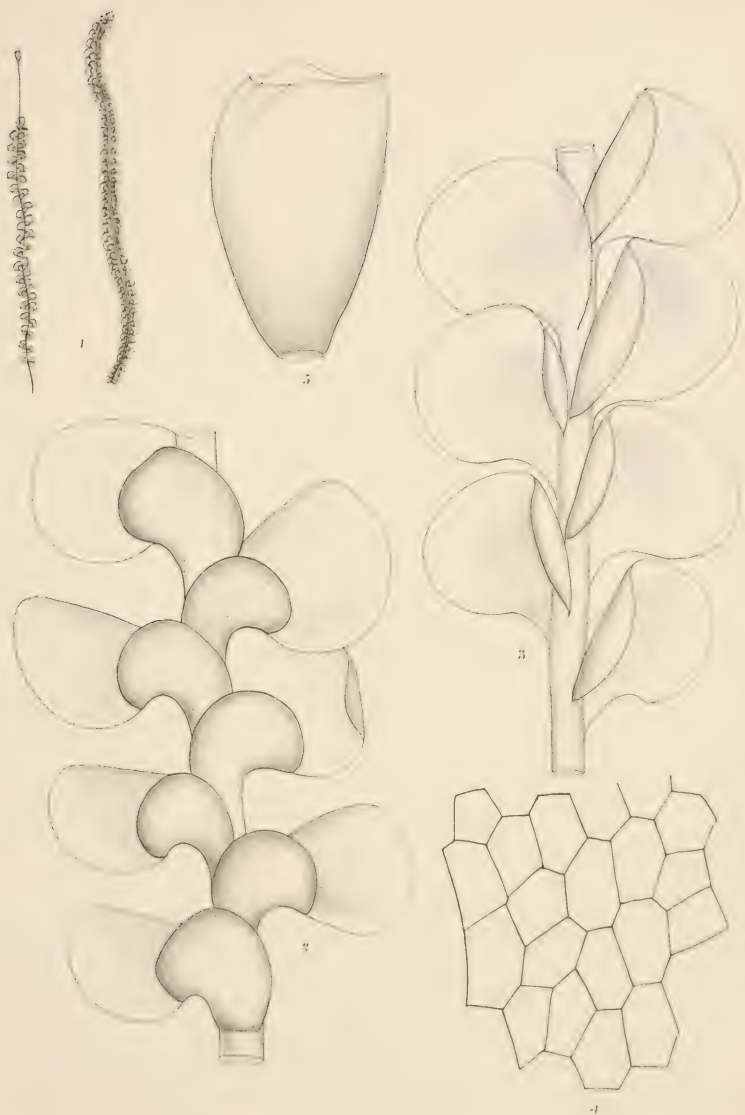
SCAPANIA INTERMEDIA





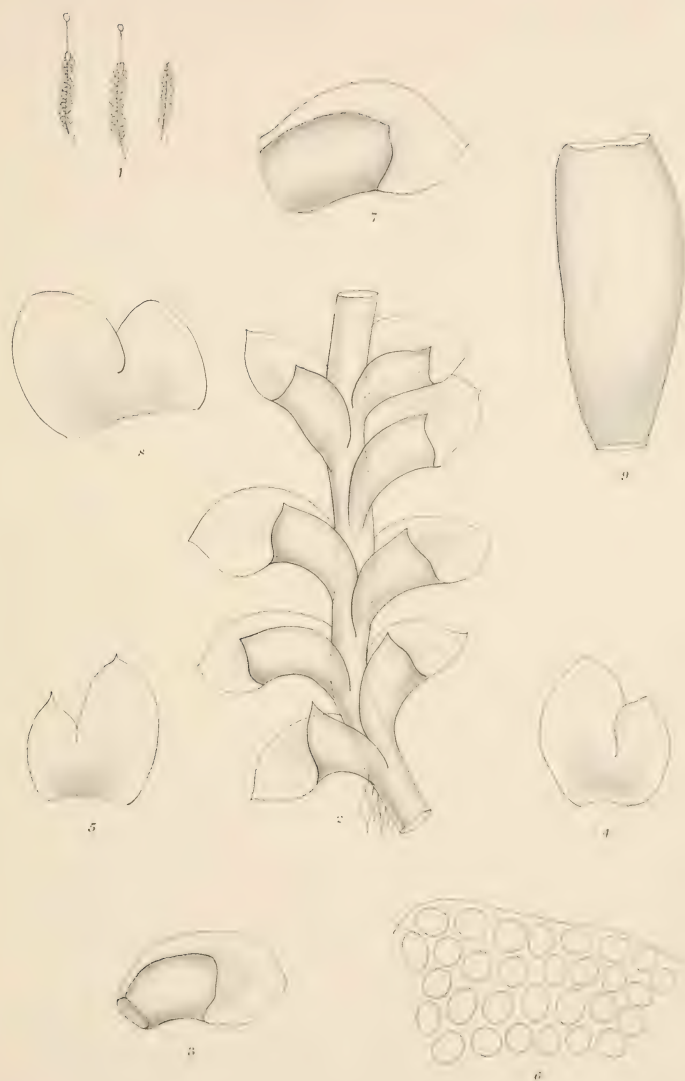
SCAPANIA IRRIGUA





SCAPANIA ULIGINOSA





SCAPANIA ROSACEA







SCAPANIA CURTA





SCAPANIA UMBROSA.





DIPLOPHYLLUM ALBICANS





DIPLOPHYLLUM TAXIFOLIUM







DIPLOPHYLLUM OBTUSIFOLIUM





DIPLOPHYLLUM DICKSONI





*LOPHOCOLEA BIDENTATA*

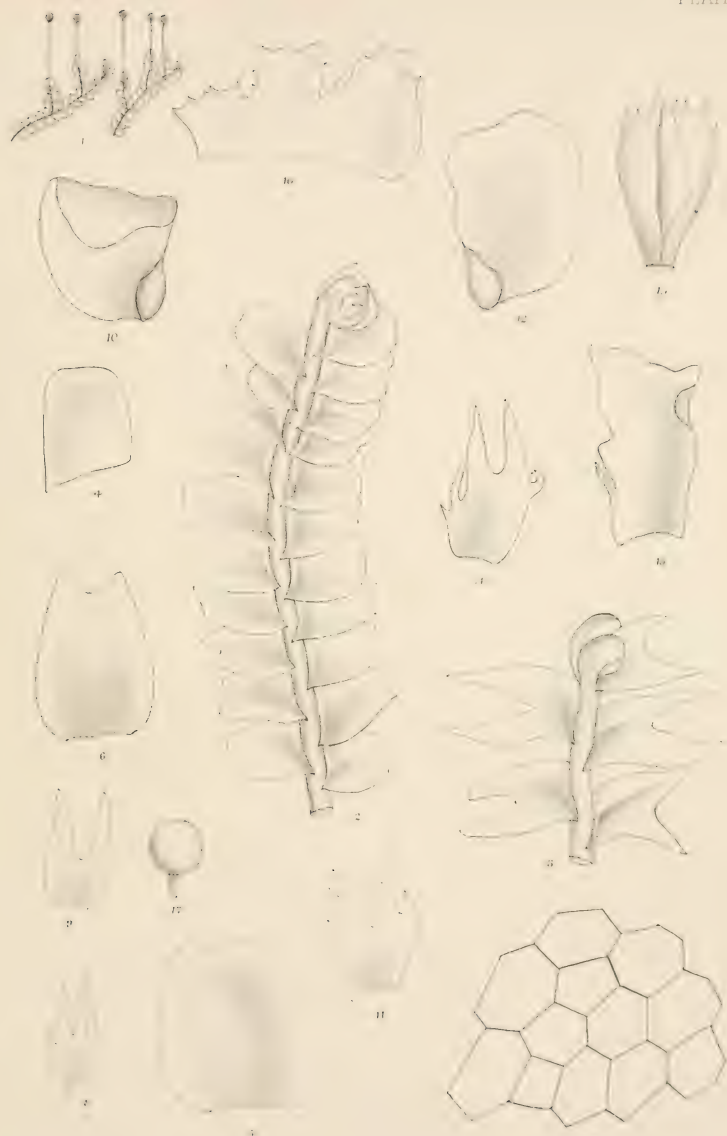




*LOPHOCOLEA CUSPIDATA*







LOPHOCOLEA HETEROPHYLLA





*LOPHOCOLEA SPICATA*

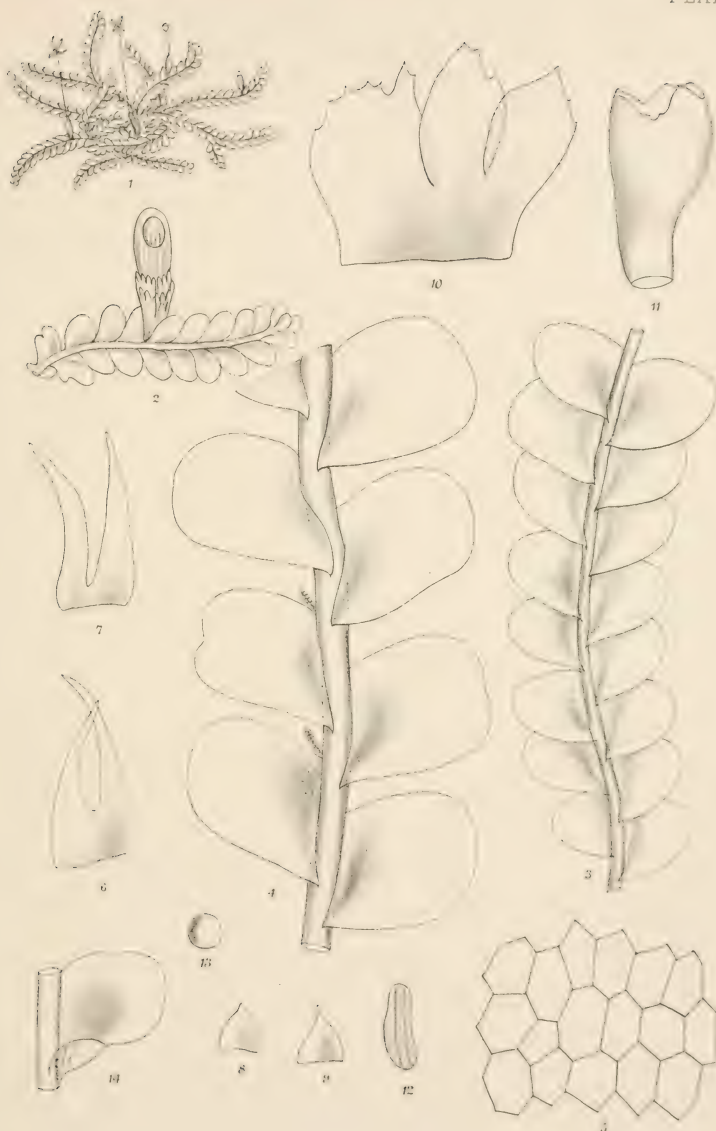


11 ( ) ( )  
1



CHARACTERS OF THE SPECIES

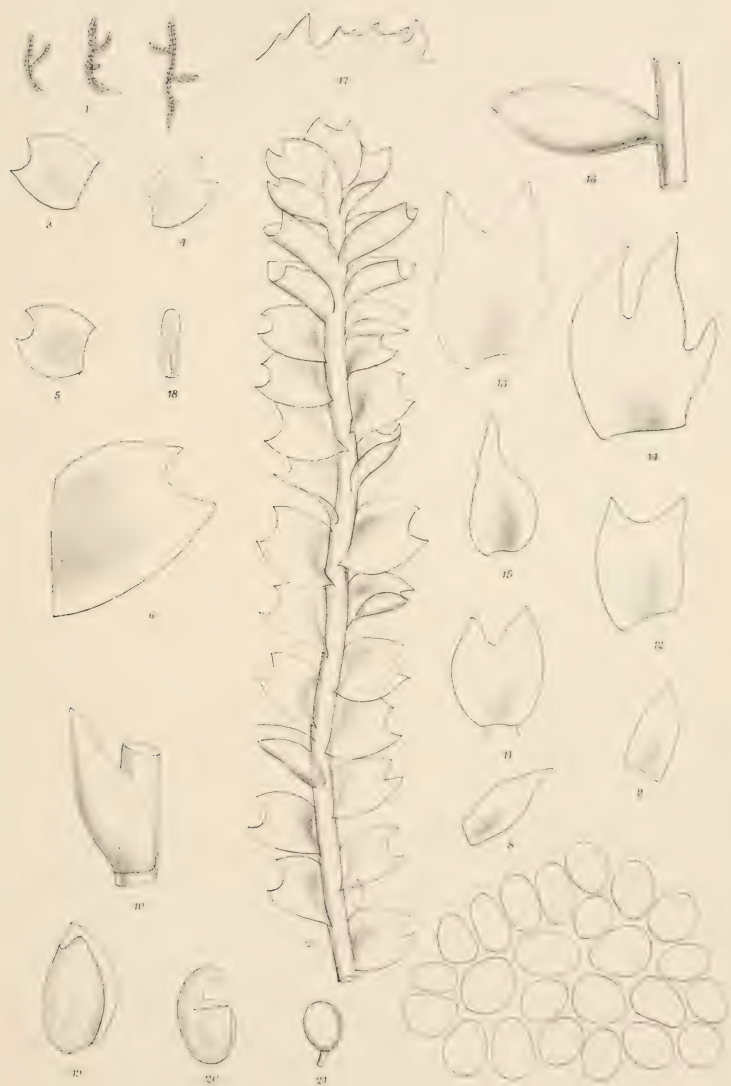




CHILOSCYPUS POLYANTHOS

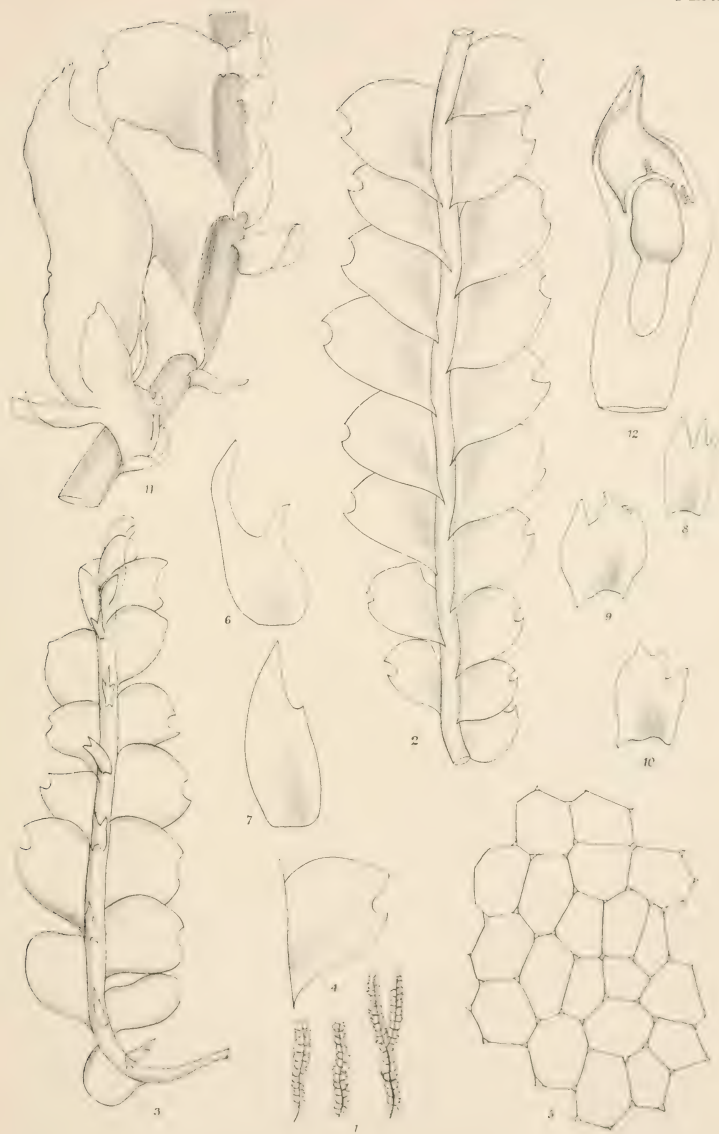






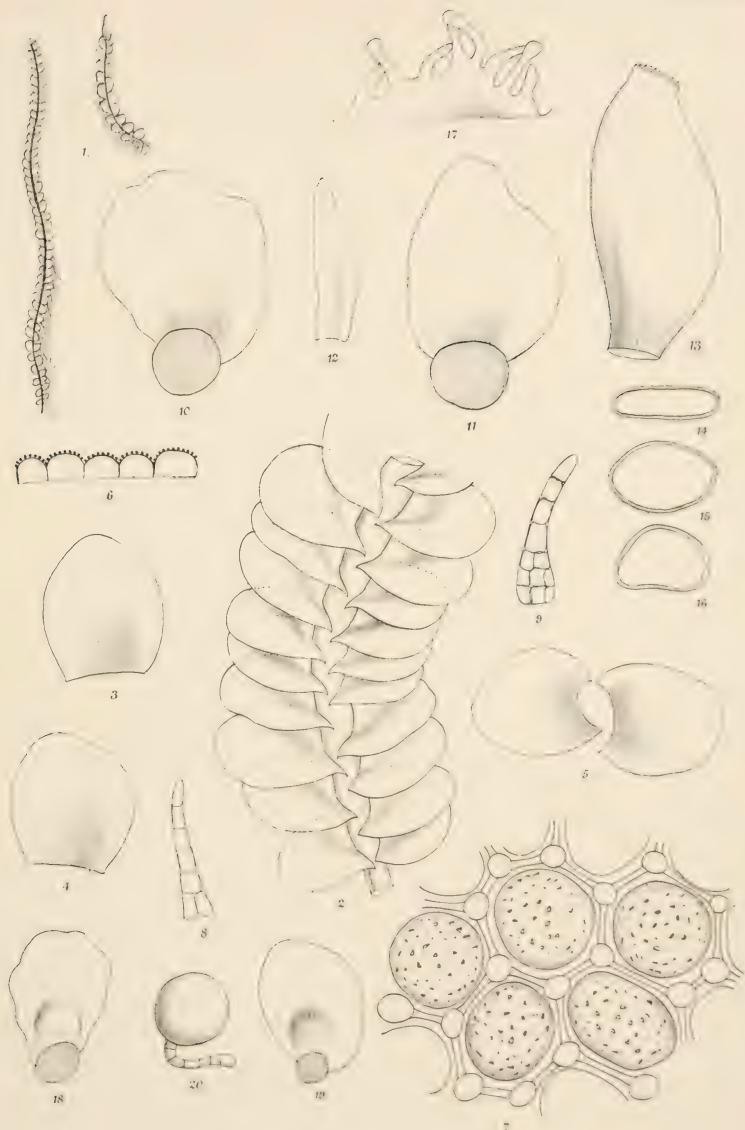
HARPANTHUS SCUTATUS





HARPANTHUS FLOTOWII.





MYLIA TAYLORI





MYLIA ANOMALA







PEDINOPHYLLUM INTERRUPTUM





PLAGIOCHILA STABLERI

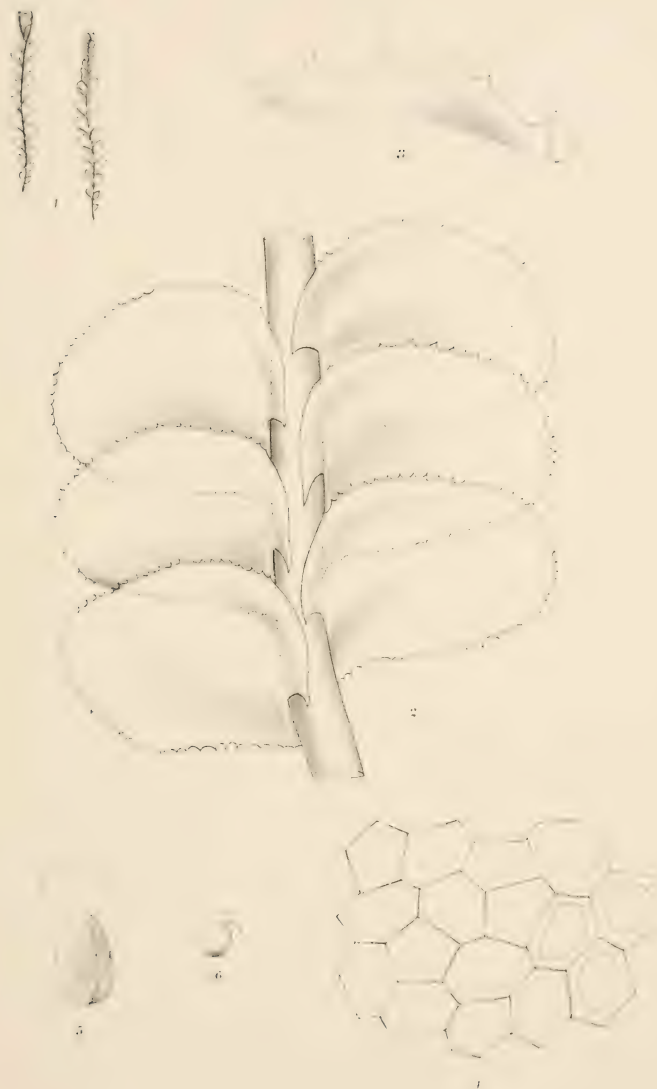




PLAGIOCHILA ASPLENIOIDES

Vincent P. Baker, Daz & Son, Ltd. Imp.





PLAGIOCHILA ASPLENOIDES







PLAGIOCHILA AMBIGUA





PLAGIOCHILA SPINULOSA





PLAGIOCHILA PUNCTATA





PLAGIOCHILA TRIDENICULATA

Vincent J. Carosso, Esq. & Son, Ltd.





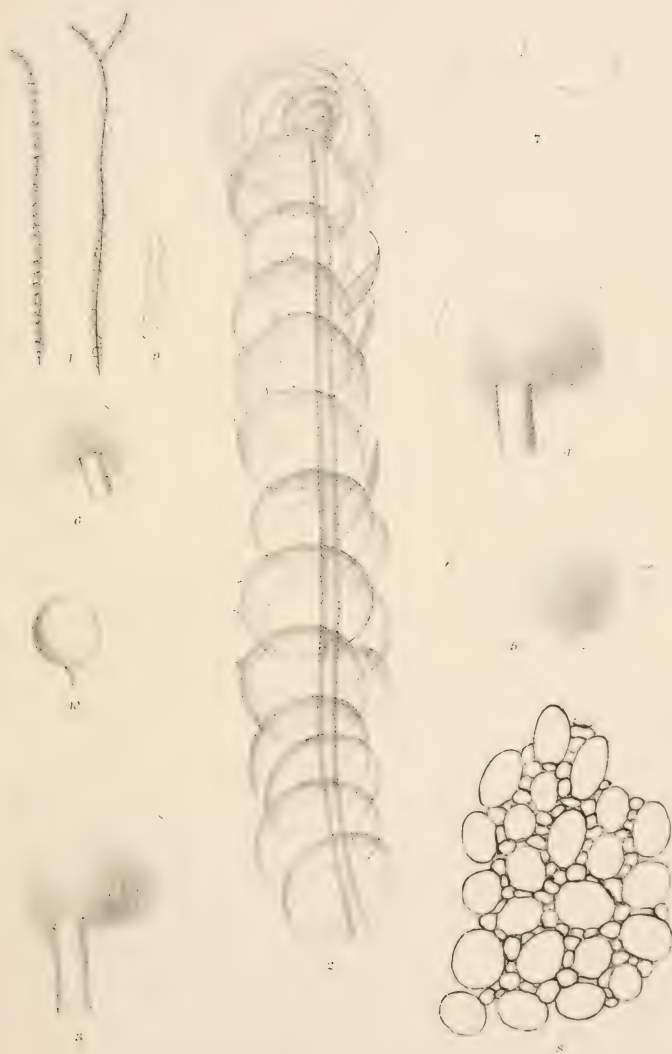
PLAGIOCHILA EXIGUA.





*STROBILARIA LATERALIS*





JAMESONIELLA CARRINGTON!





JUNGERMANIA CORDIFOLIA







*JUNGERMANIA PUMILA*



JUNGERMANTIA RIPARIA





JUNGERMANIA SPHÆROCARPA

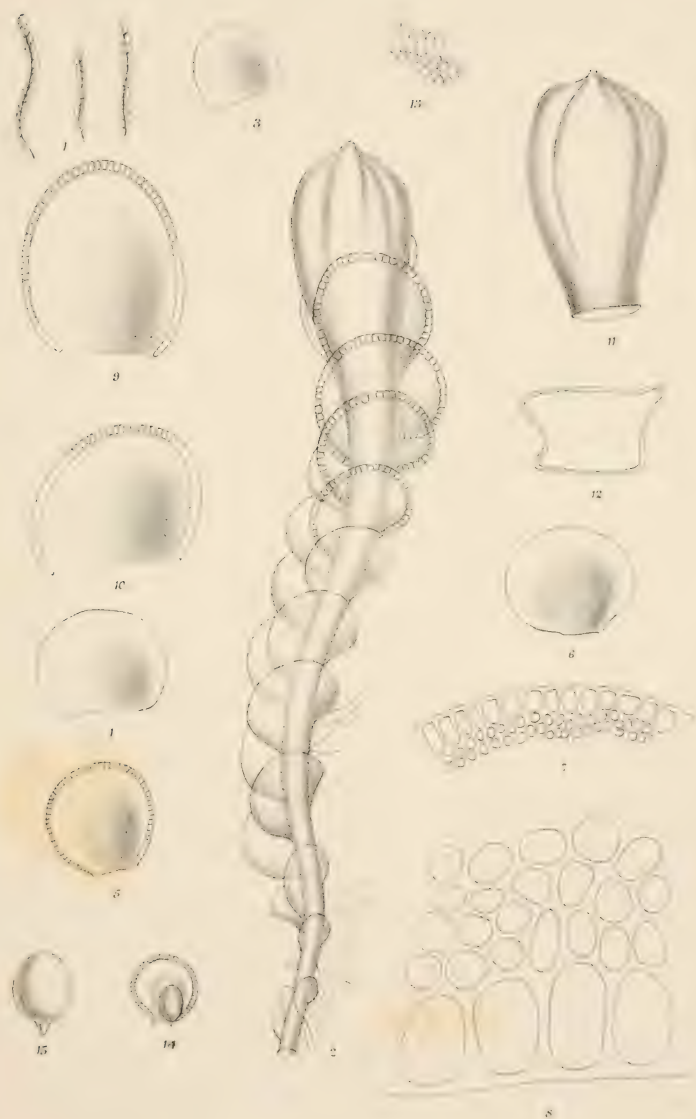




*JUNGERMANIA SPHÆROCARPA* VAR. *LURIDA*

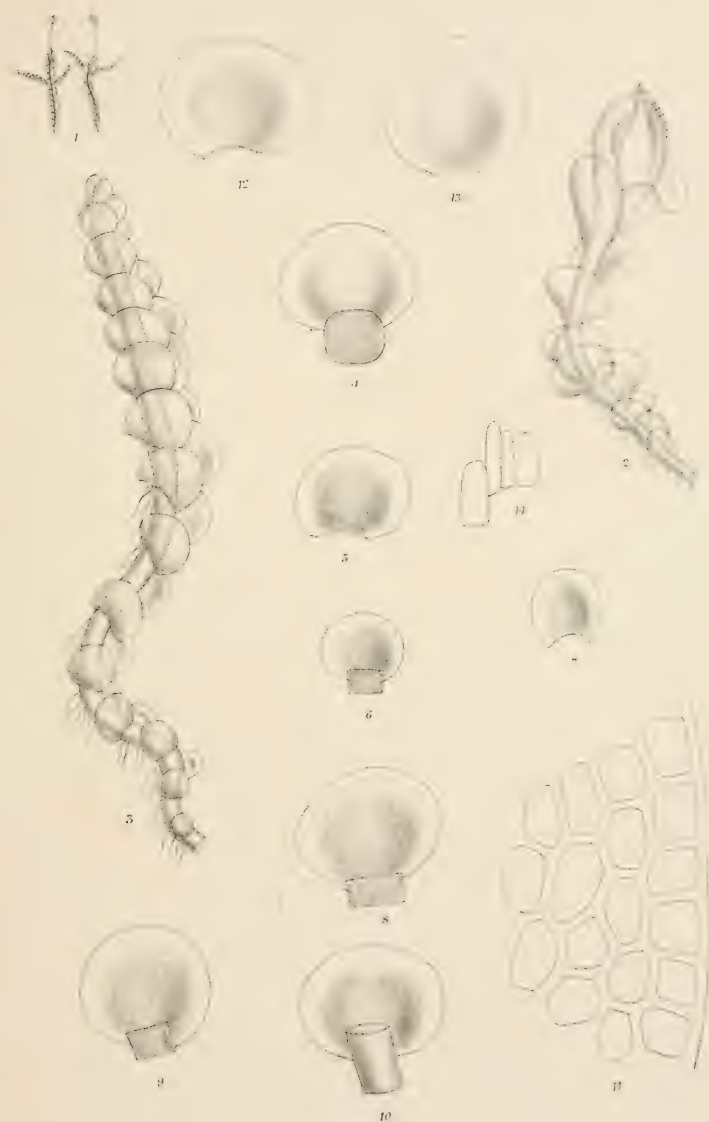






JUNGERMANIA CRENULATA





*JUNGERMANIA CRENULATA* VAR. *GRACILLIMA*





JUNGERMANIA AUTUMNALIS.





*JUNG. AUTUMNALIS* VAR. *SCHRADERI*

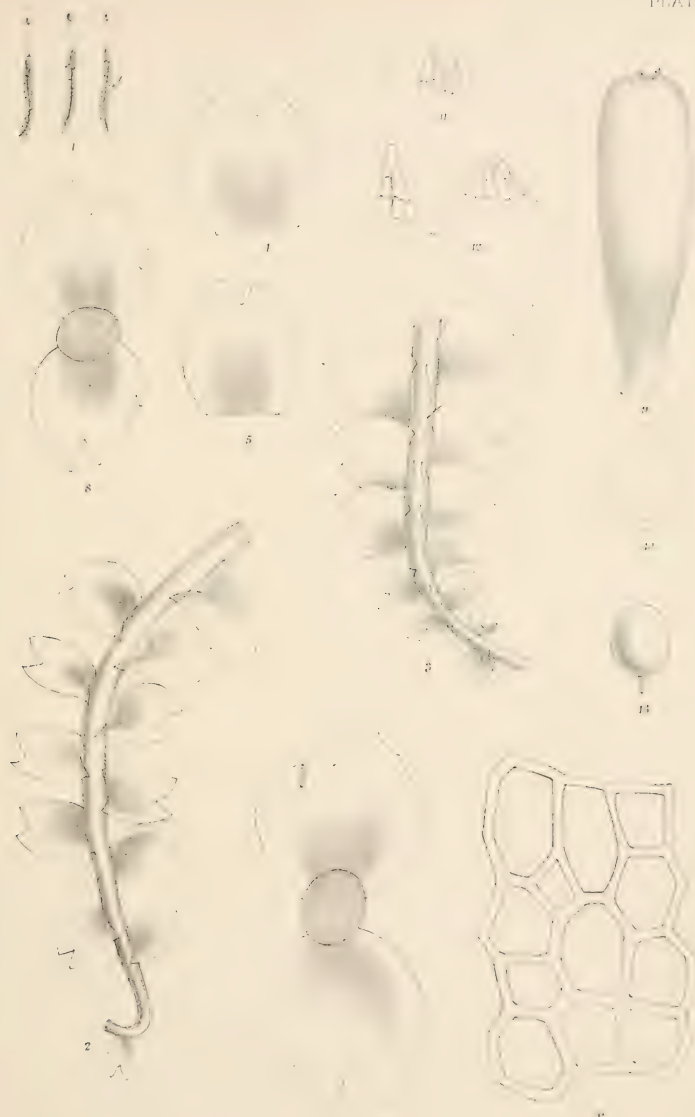






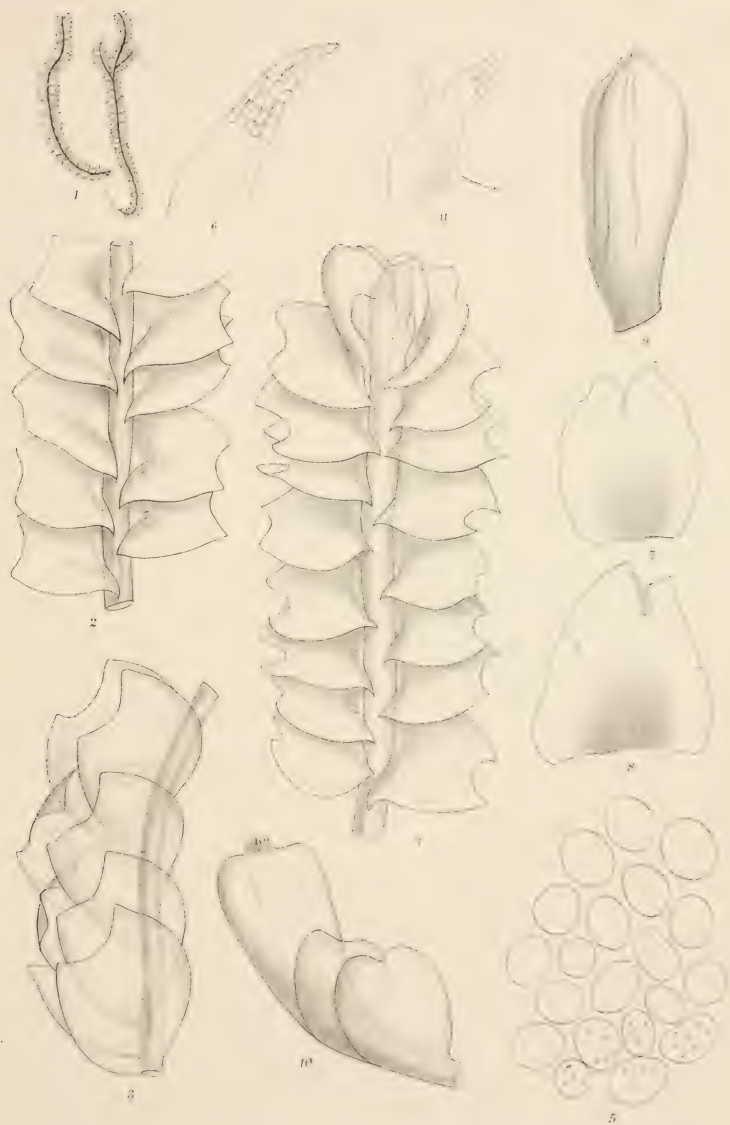
JUNGERMANIA INFLATA





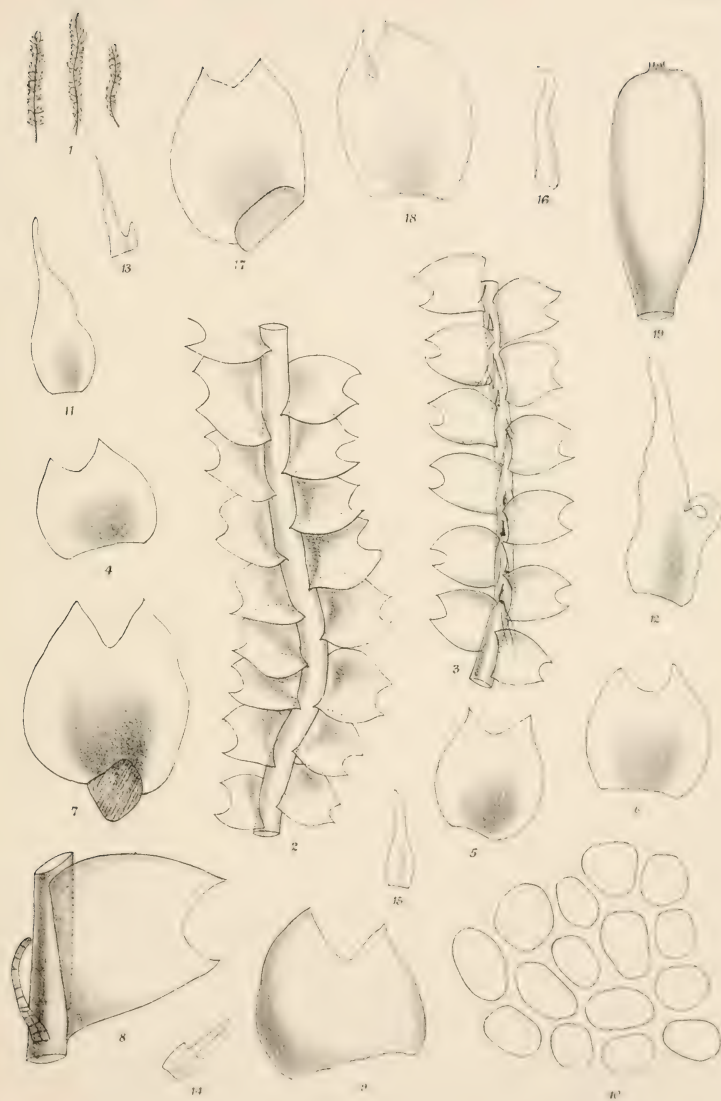
JUNGERMANIA TURBINATA





JUNGERMANIA BANTRIENSIS

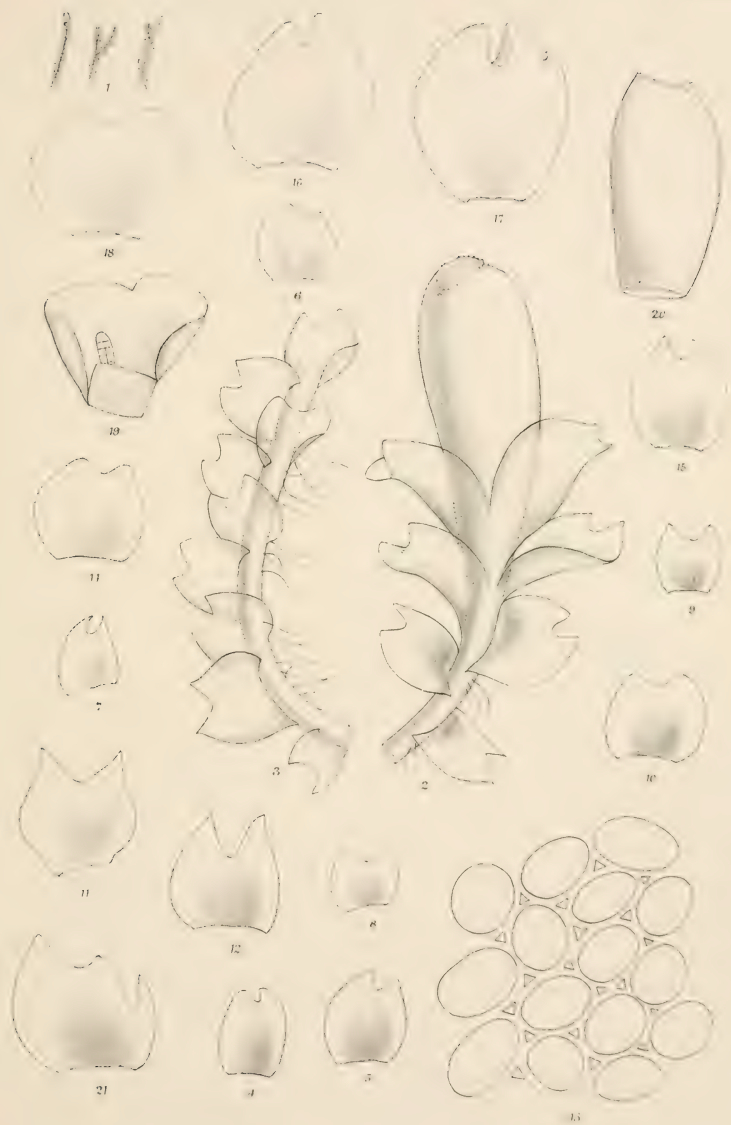




JUNGERMANIA BANTRIENSIS var. MUELLERI

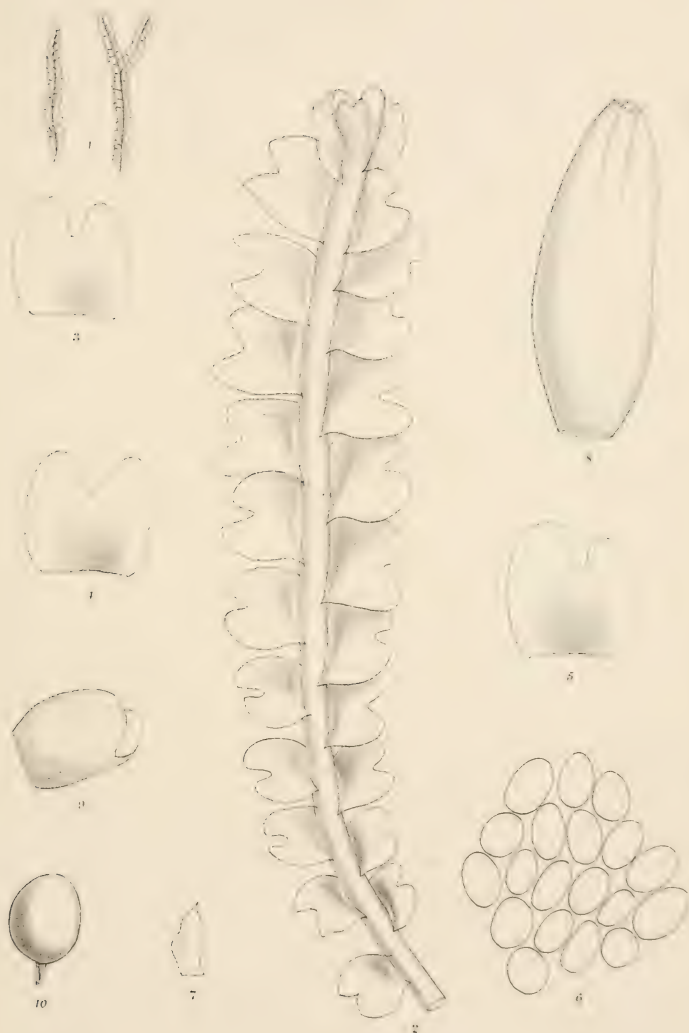






JUNGERMANIA BANTRIENSIS VAR. ACUTA





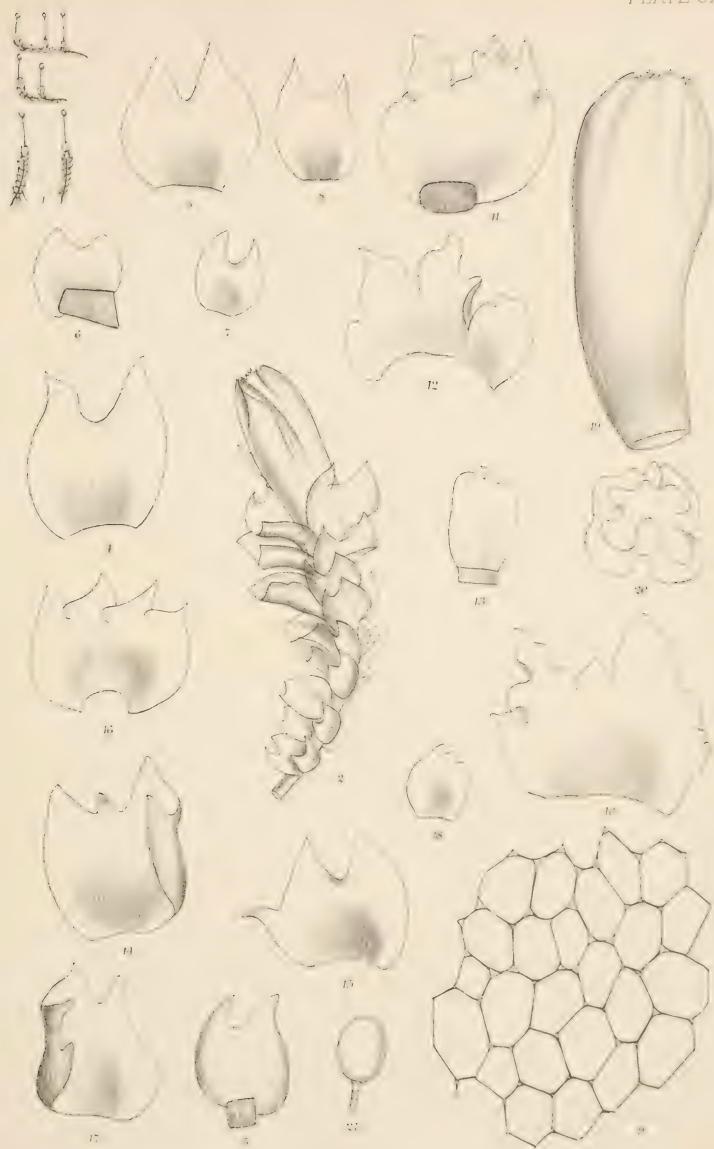
JUNGERMANIA OBTUSA





JUNGFERMANIA SOCIA.

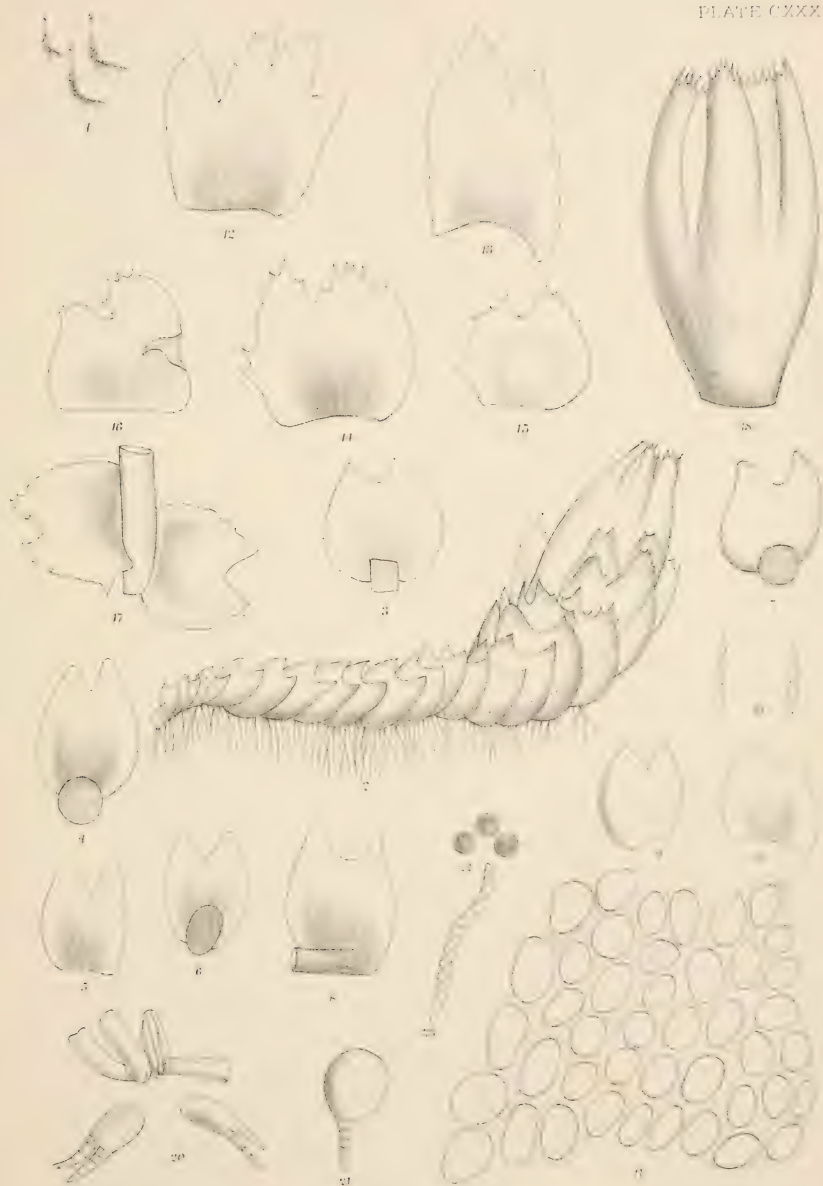




JUNGERMANIA CAPITATA.







JUNGERMANIA BICRENATA





JUNGERMANIA VENTRICOSA.





JUNGERMANIA VENTRICOSA  
VARS.





JUNGERMANIA ALPESTRIS.





## JUNGERMANIA GELIDA





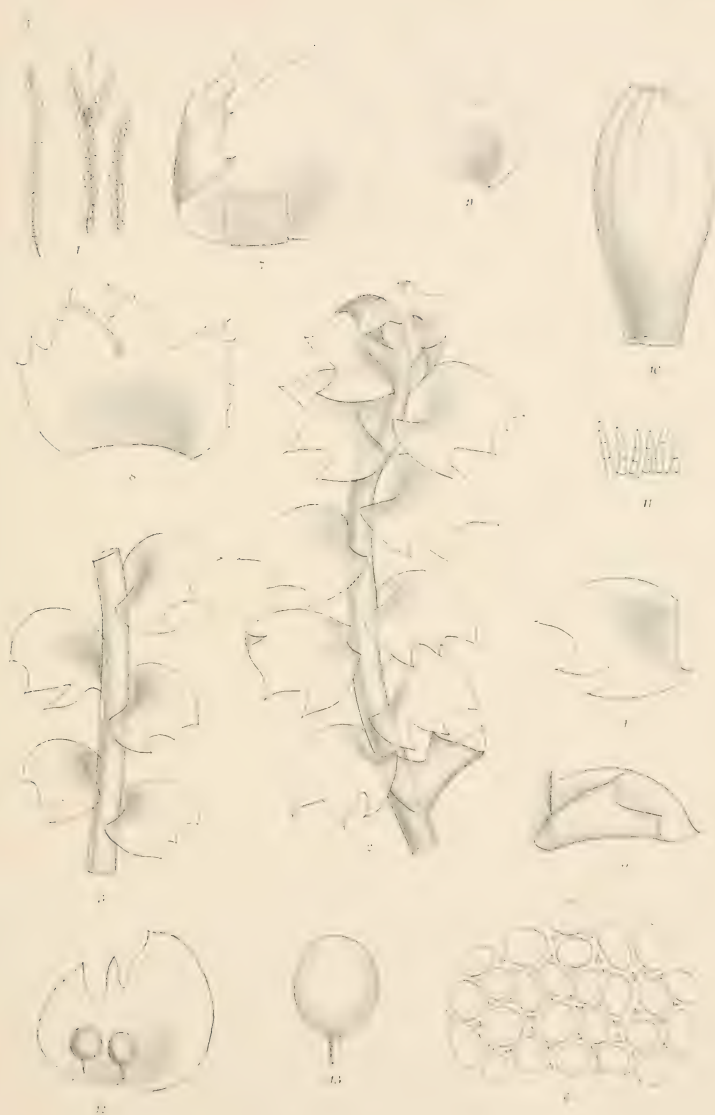
JUNGERMANIA INCISA





*ANDROSACE EXSERTA*





JUNGERMANIA LYONI

Youngest Branches Dry & Concolorous







JUNGFERMANIA GRACILIS





JUNGERMANIA BARBATA

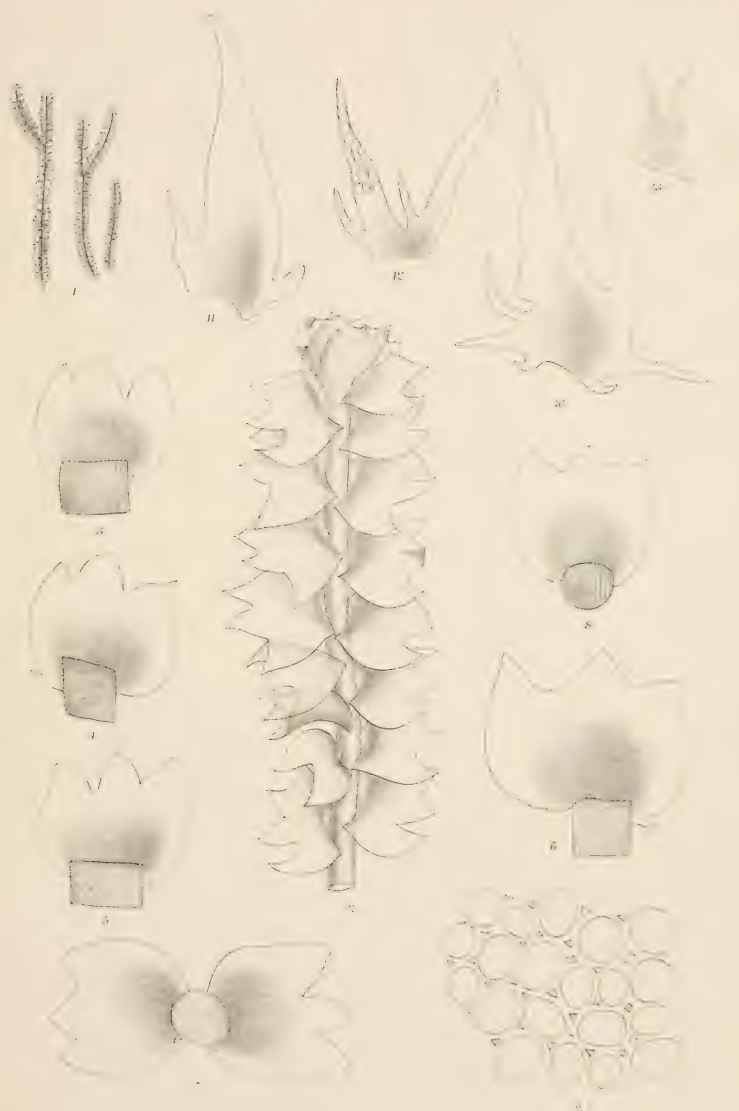




JUNGERMANIA LYCOPODIOIDES

Collected by Dr. J. D. Hooker





JUNGERMANIA LYCOPODIOIDES VAR. FLOERKII.







JUNGERMANIA KUNZEANA



JUNGHERMANIA HILDEBRANDI

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.





JUNGERMANIA MINUTA





JUNGERMANIA SAXICOLA



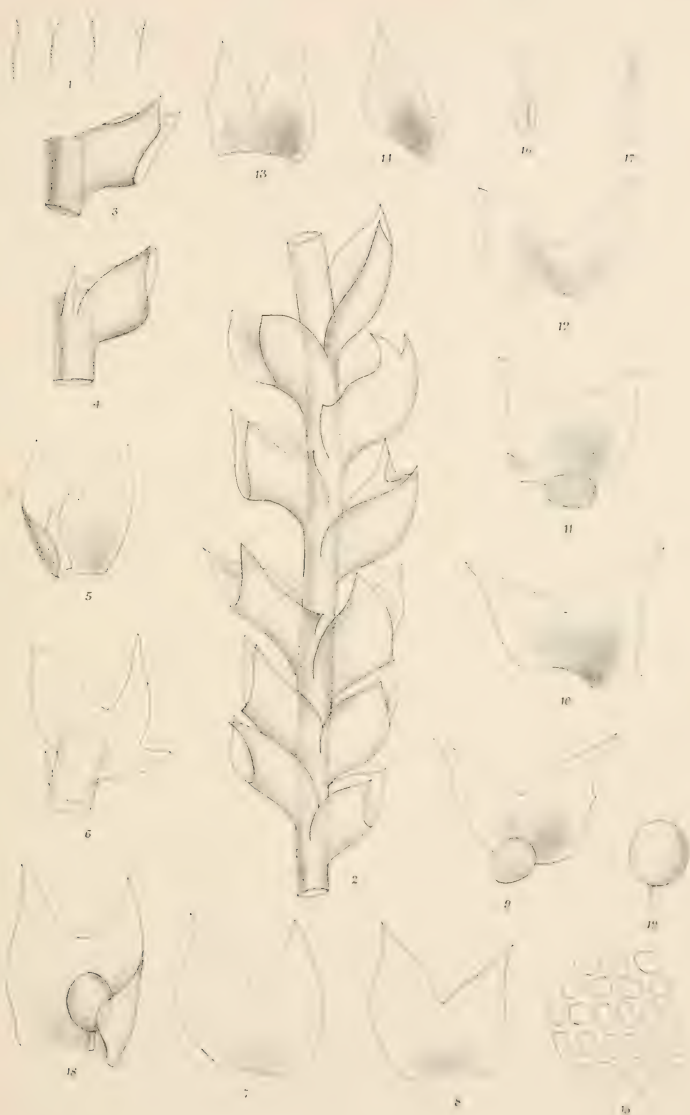




JUNGERIA INDICA

Jungeria in W.H.P. & A.H.P. 1850





JUNGERMANIA PEARSONI

W.H.P. del. J.N. Fitch hth.

Vincent, Bradley, Day & Son Lith.





JUNGERMANIA DONIANA.





NARDIA HYALINA







NARDIA OBOVATA





NARDIA COMPRESSA





*NARDIA SCALARIS*



NARDIA SILVRETTAE











MARSUPELLA EMARGINATA VARS





MARSUPEILLA SERACELATA





MARSUPELLA FUNCKII





841



MARSIPELLA CLIVACEA





MARSUPELLA USTULATA





*MAMMILLARIA VIVIPARA* (L.) DC.





MARSIPELLA STABLERI







MARSUPELLA NEVICENSIS









*CESIA REVOLUTA*





*CESIA CRASSIFOLIA*

CHOR. C. W. H. & CO. DEL. & LITH.

Vermeil, H. & Co. Druce & Son, 240 N. Y.







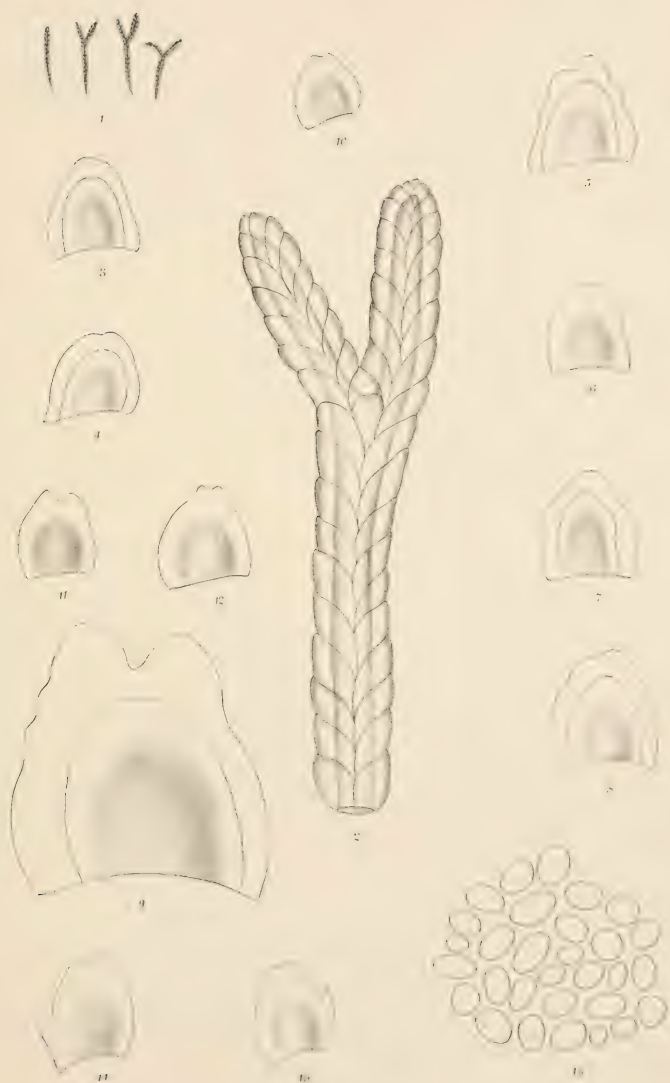
CESIA CONFERTA





CESIA BREVISSIMA





CESIA CORALLIROIDES





CESIA CONCINNATA





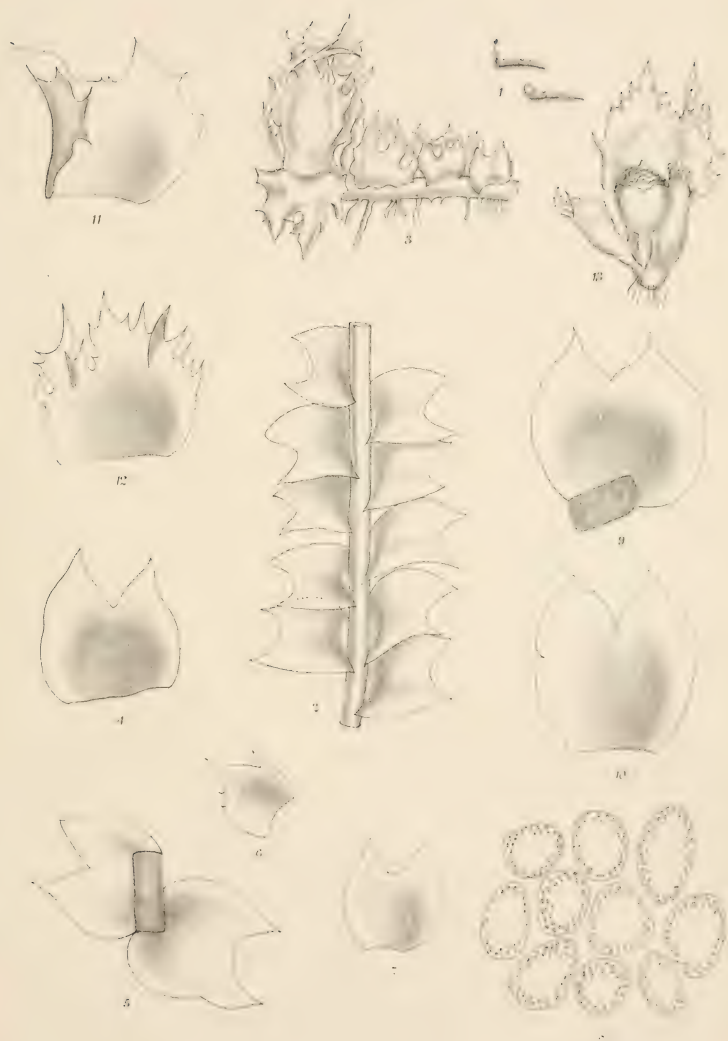


CESIA OBTUSA



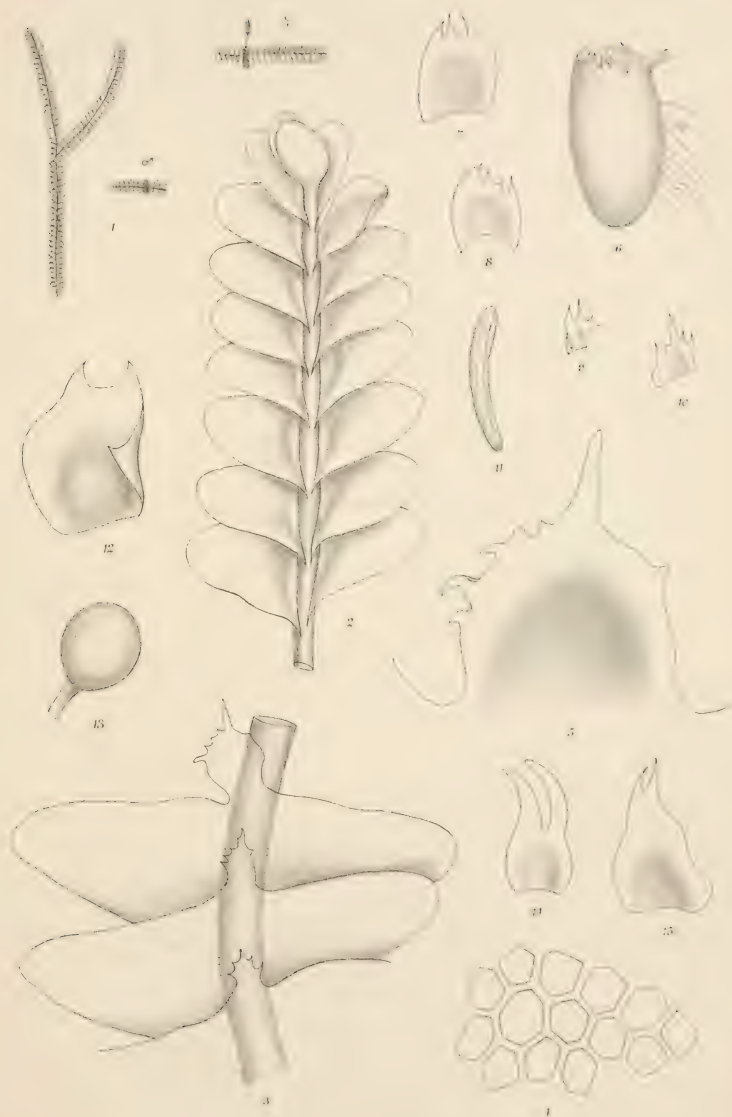






ACROBOLBUS WILSONI





SACCOGYNA VITICULOSA

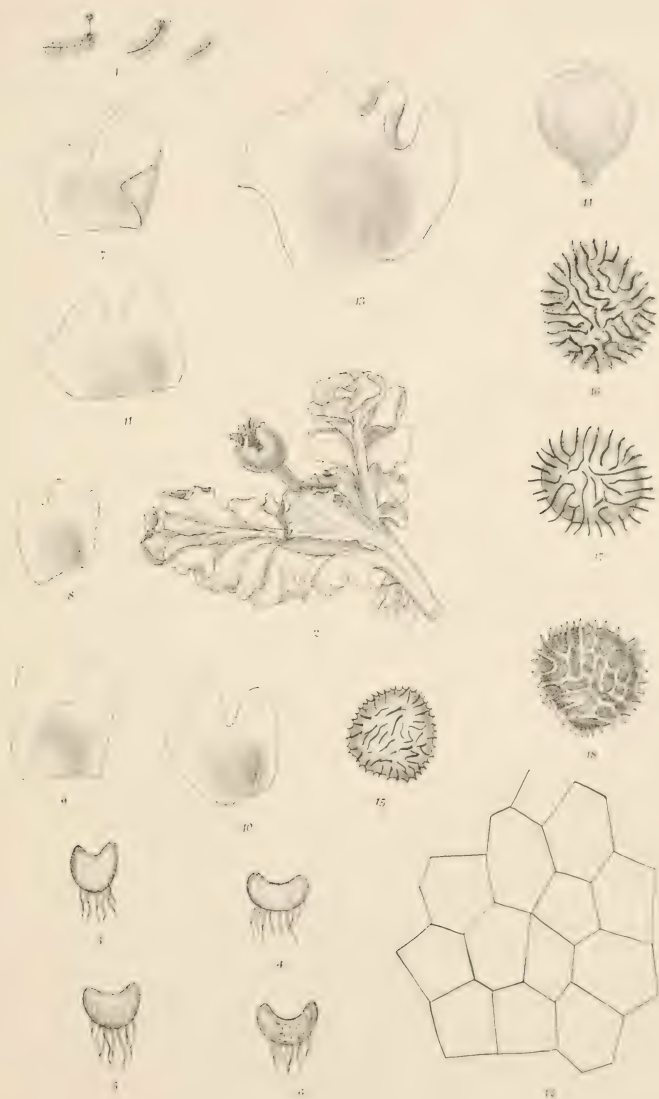






FOSSOMBRONIA PUSILLA





FOSSOMBRONIA CRISTATA





FOSSOMBRONIA ANGULOSA





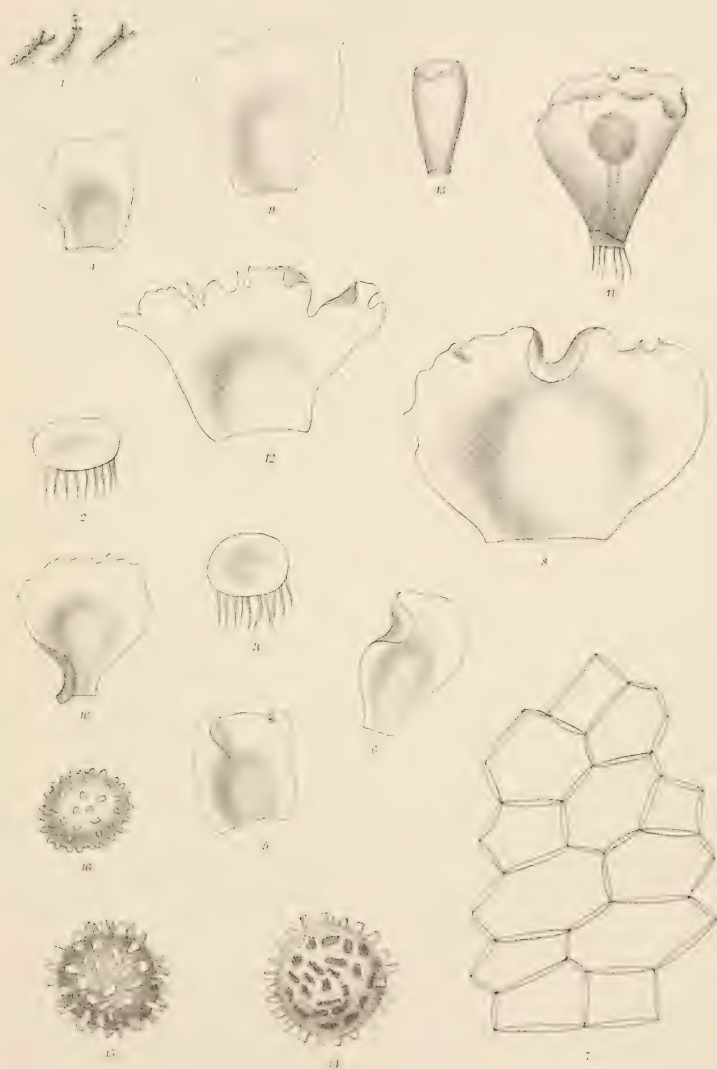
## FOSSOMBRONIA DUMORTIERI

Dodd Lindberg Collection of W.H.P. Alcock.

Museum of Natural History, London.







FOSSOMBRONIA CESPITIFORMIS





## FOSSOMBRONIA MITTENDI





## SCALIA HOOKERI

Hooker et al. W H P del J H. Fitch 1878

Vol. ent. Breeds. Fay &amp; Condit 1909

1. *Introduction* 2. *Conclusion*





PETALOPHYLLUM RALFSII







PALLAVICINIA LYELLII





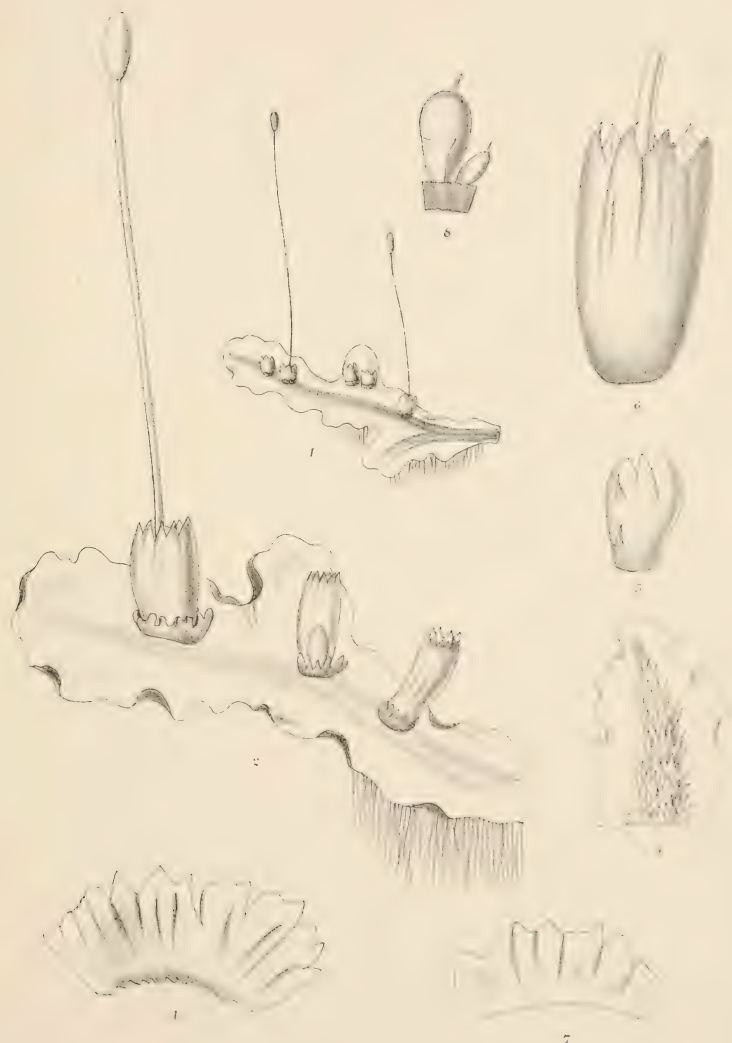
PALLAVICINIA HIBERNICA





PALLAVICINIA HIBERNICA VARS.





PALLAVICINIA BLYTTII







4



3



1



5



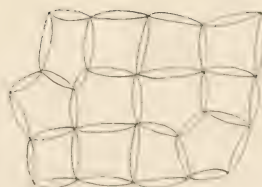
6



7



8



2

PALLAVICINIA BLYTTII





BLASIA PUSILLA





PELMA EPIPHYLLA

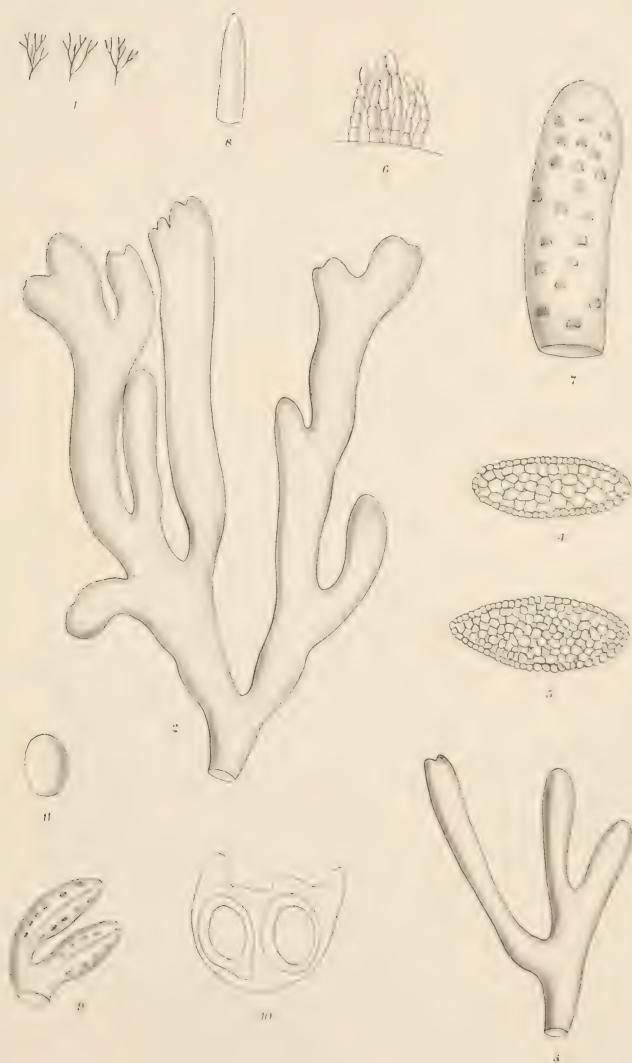




PELLIA CALYCINA

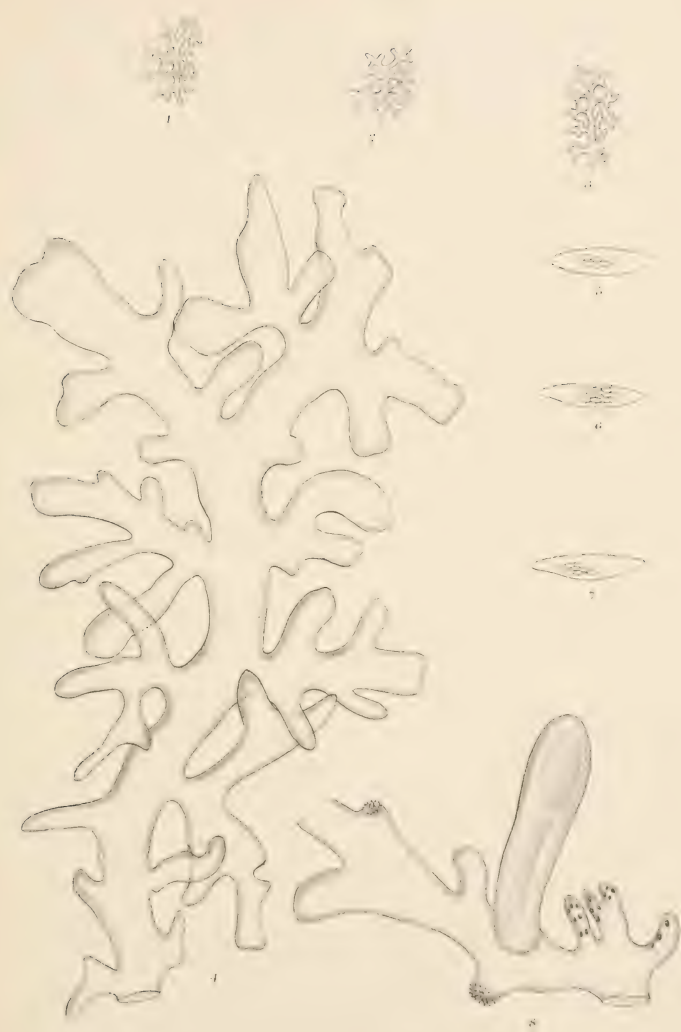






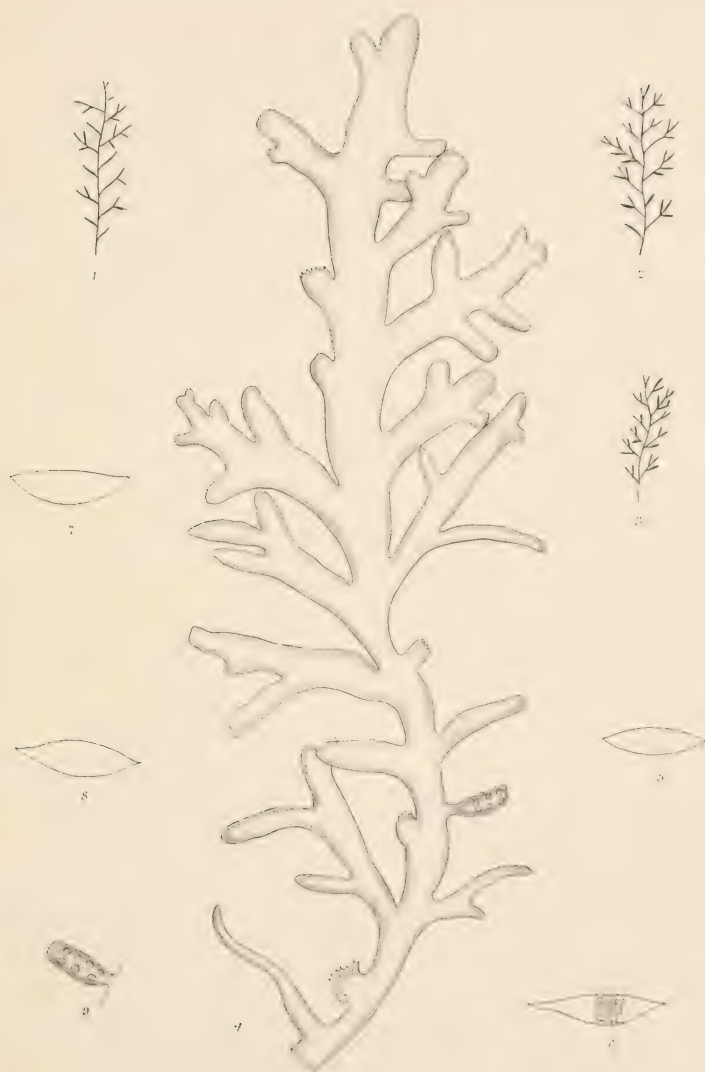
ANEURA PALMATA





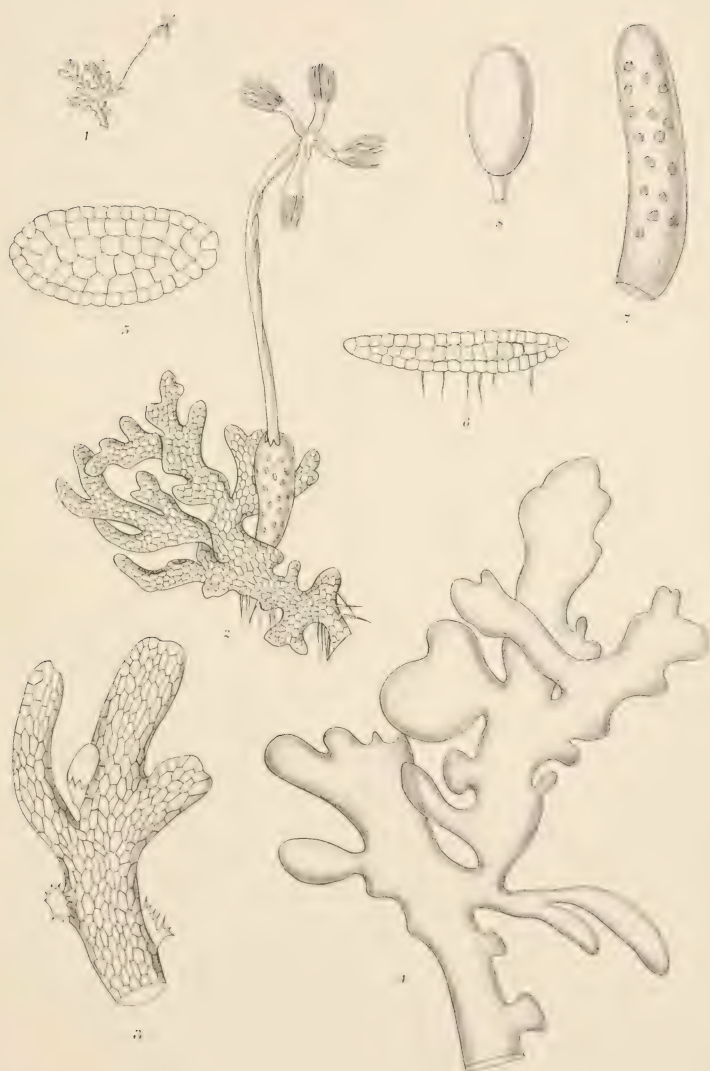
ANEURA MULTIFIDA





ANEURA AMBROSIoidES

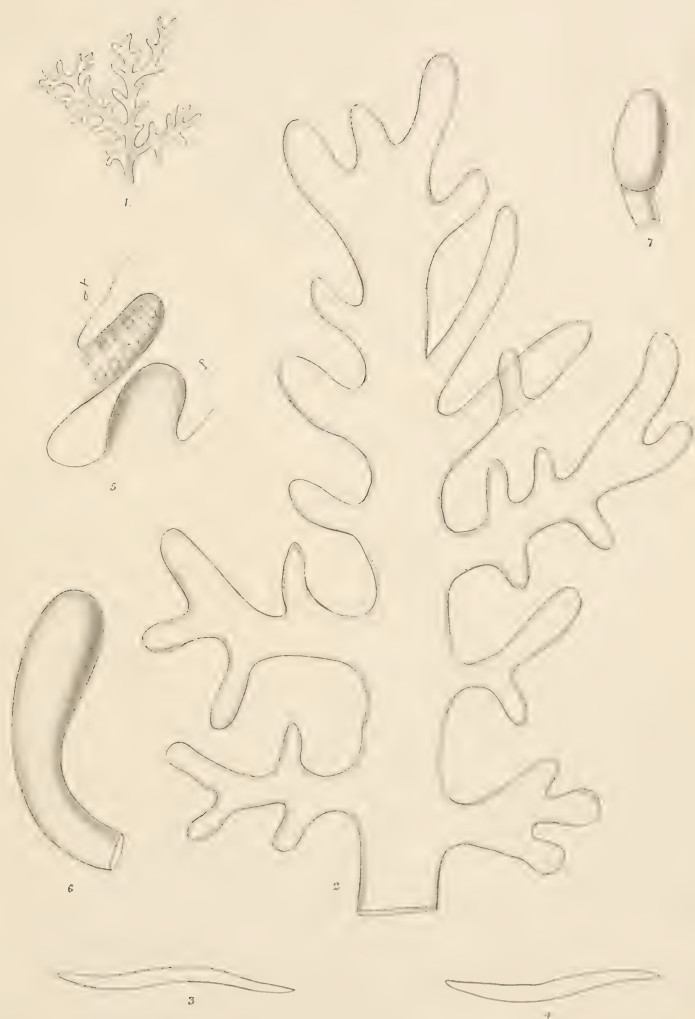




ANEURA LATIFRONS







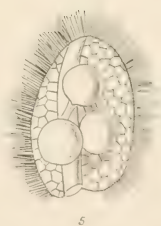
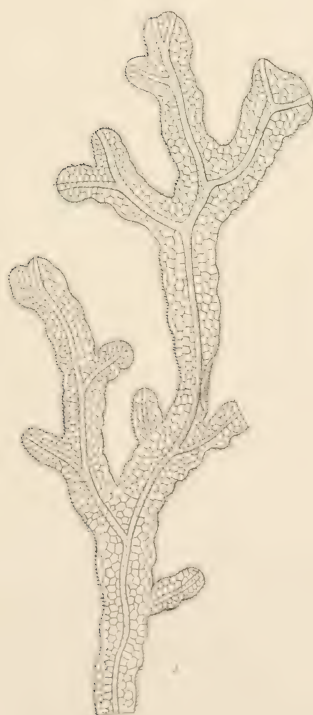
ANOURA SINUATA





ANEURA PINGUIS





METZGERIA PUBESCENS

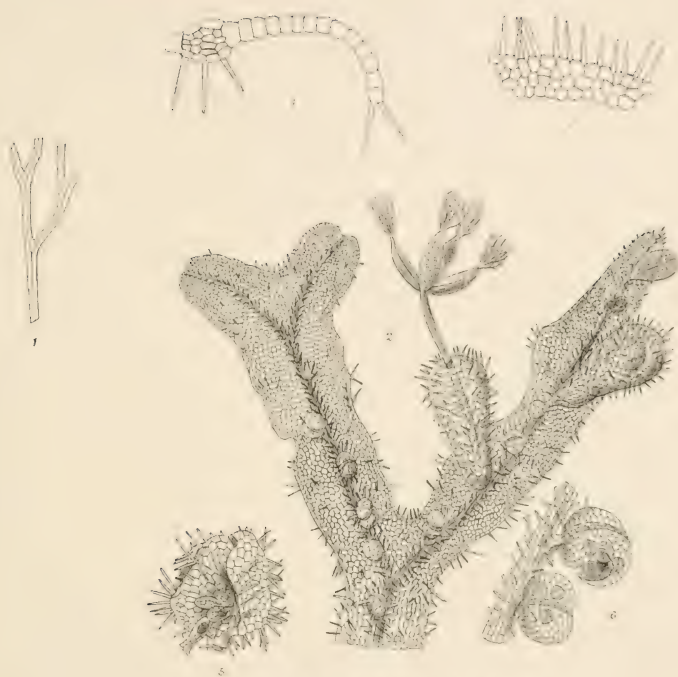




METZGERIA FURCATA







METZGERIA FOLIIFERA



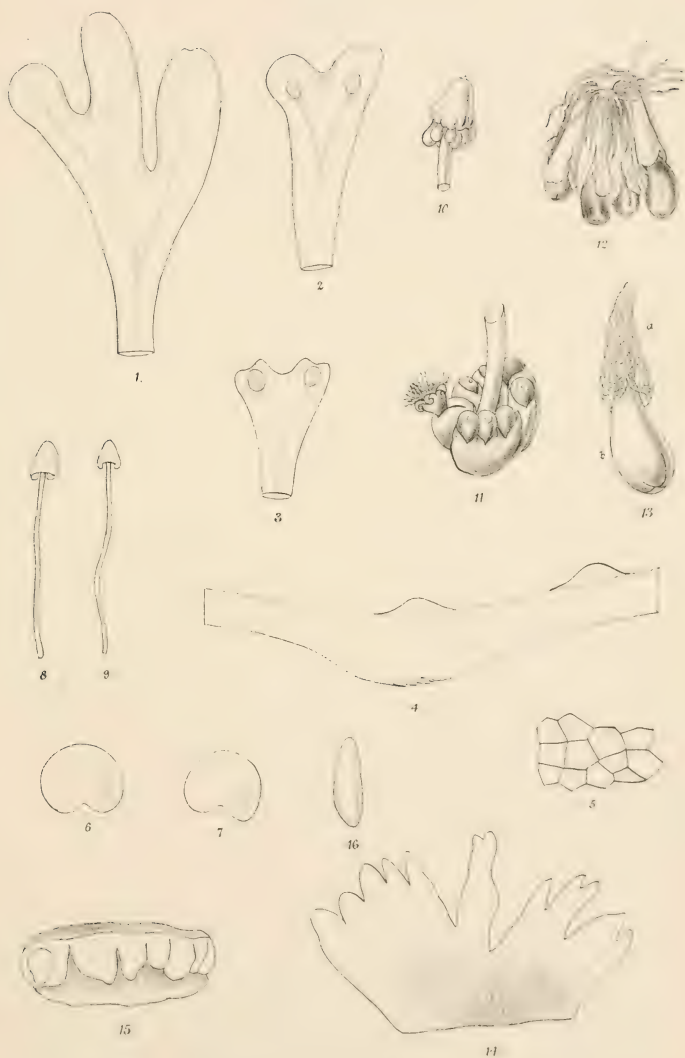
METZGERIA HAMATA





MARCHANTIA POLYMORPHA





CONOCEPHALUS CONICUS





REBOULIA HEMISPHERICA







PREISSIA COMMUTATA





LUNULARIA CRUCIATA



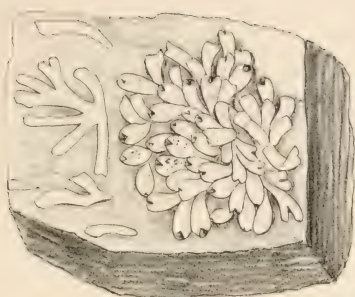


DUMORTIERA IRRIGUA

Taylor et W.H.P. del. J.N. Pich. lith.

Vincent Beal & Son Lith.





1



2



3



4



5



9



8



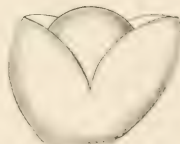
11



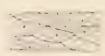
15



14



12



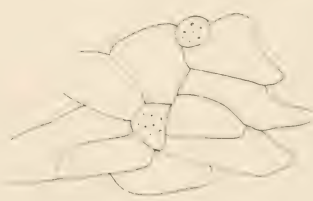
6



7



13



10

# TARGIONIA HYPOPHYLLA

Schaffner, Tompkins et W. H. P. de.

Vincent, H. de la Haye & S. de la Haye







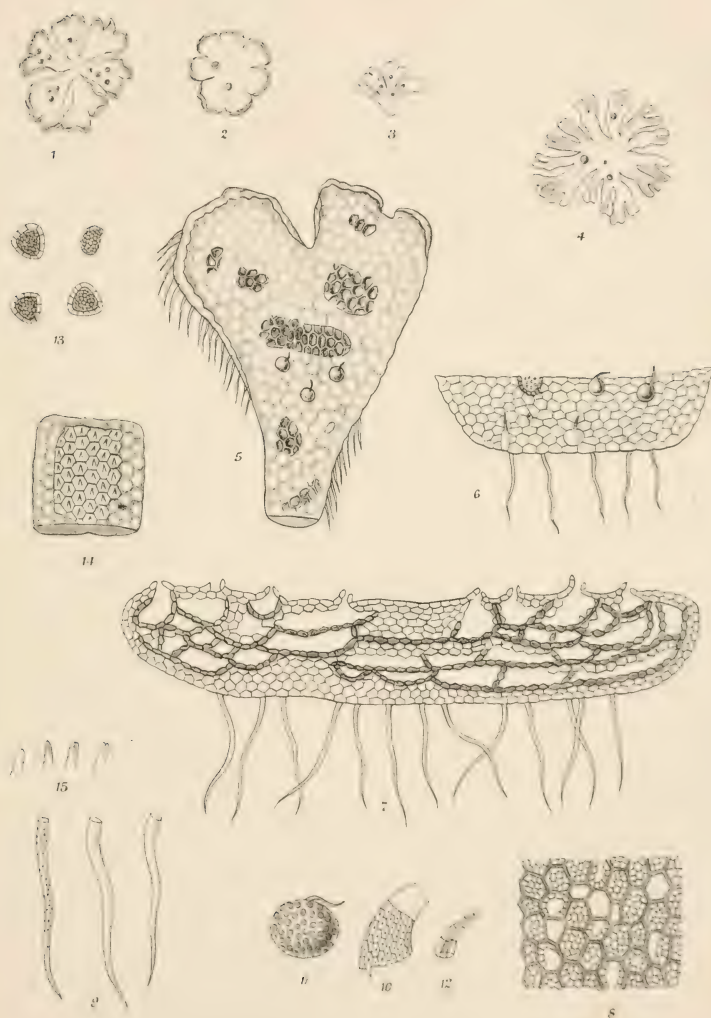
SPHÆROCARPUS TERRESTRIS





RICCIA GLAUCA





RICCIA CRYSTALLINA





RICCIA SOROCARPA

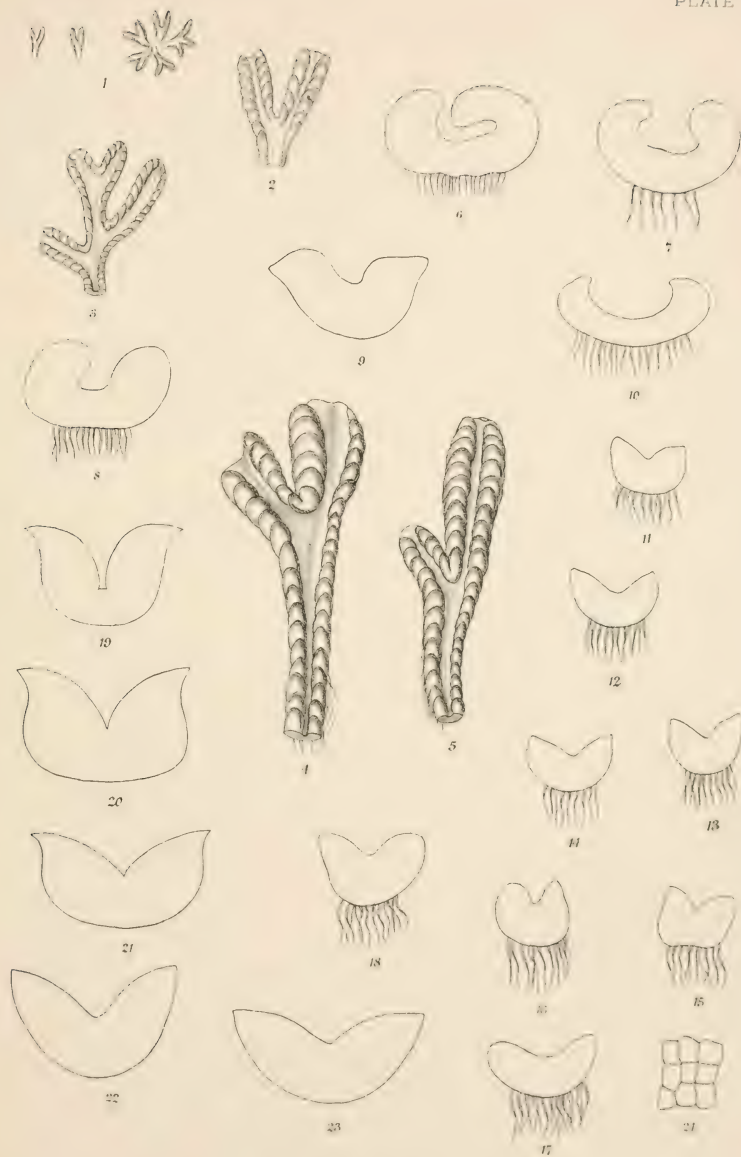






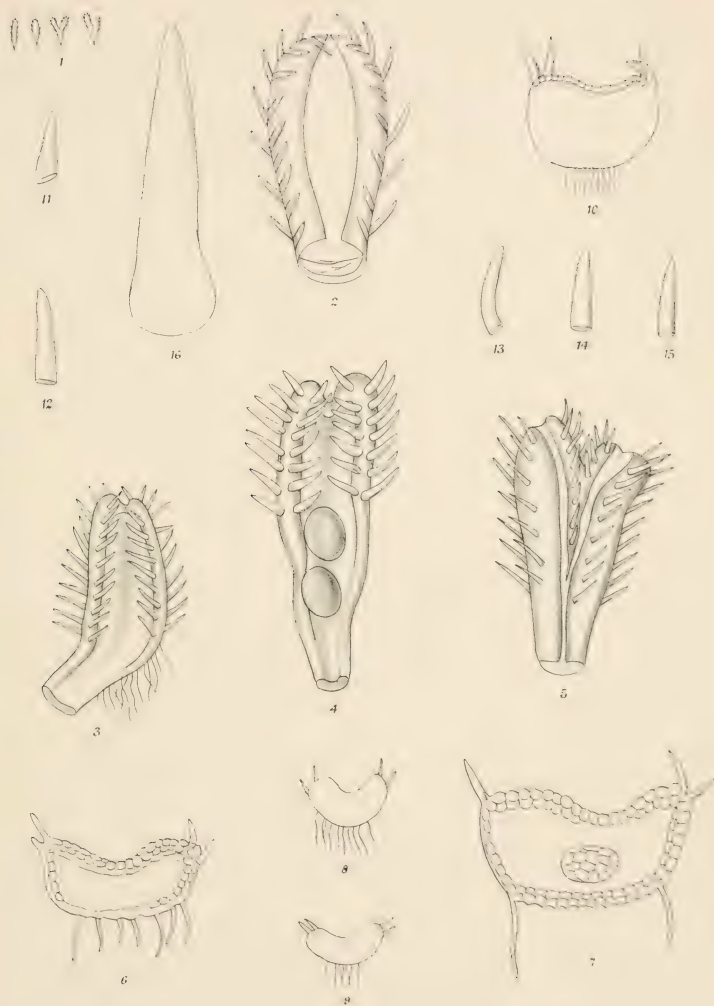
RICCIA BIFURCA





*RICCIA NIGRELLA*





RICCIA TUMIDA

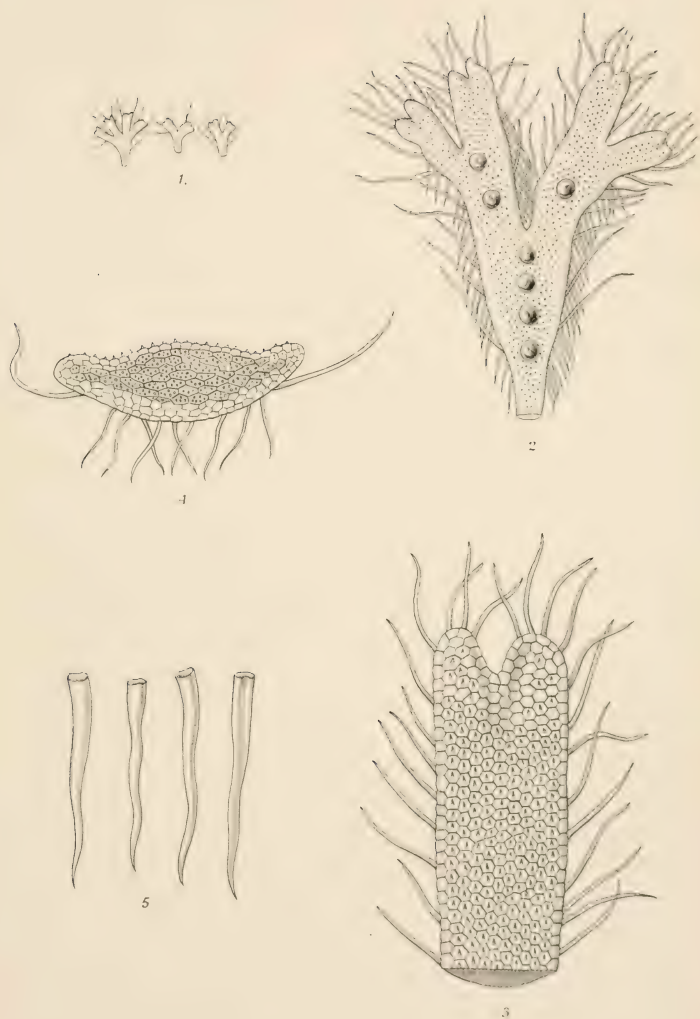




RINCIA GLAUCESCENS

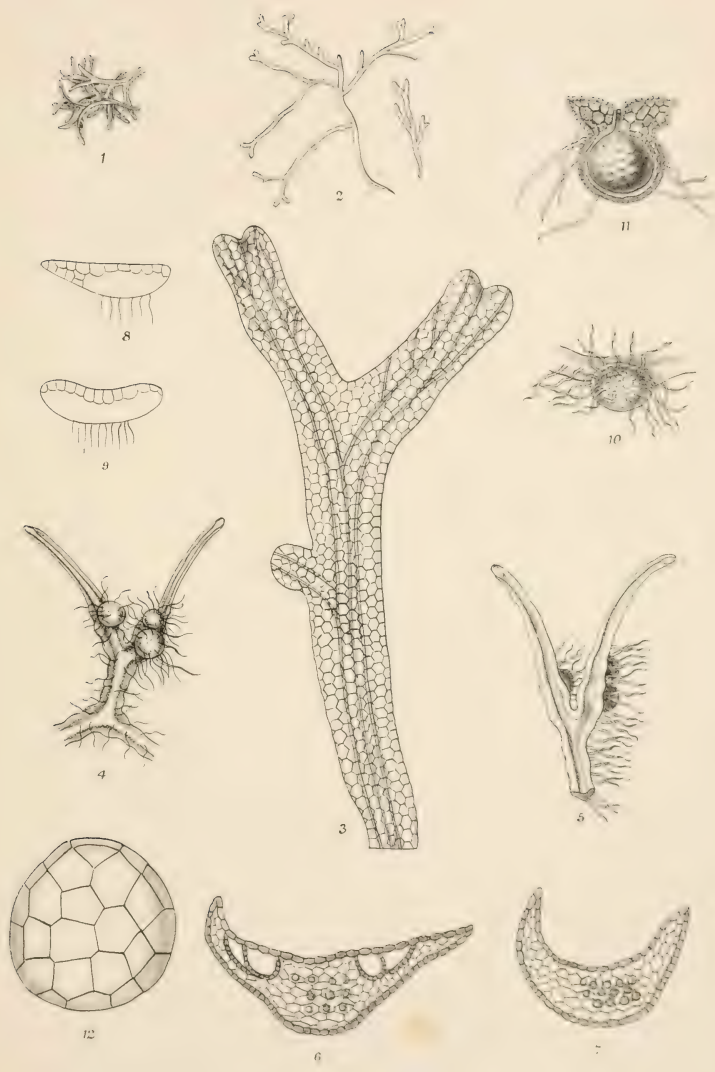






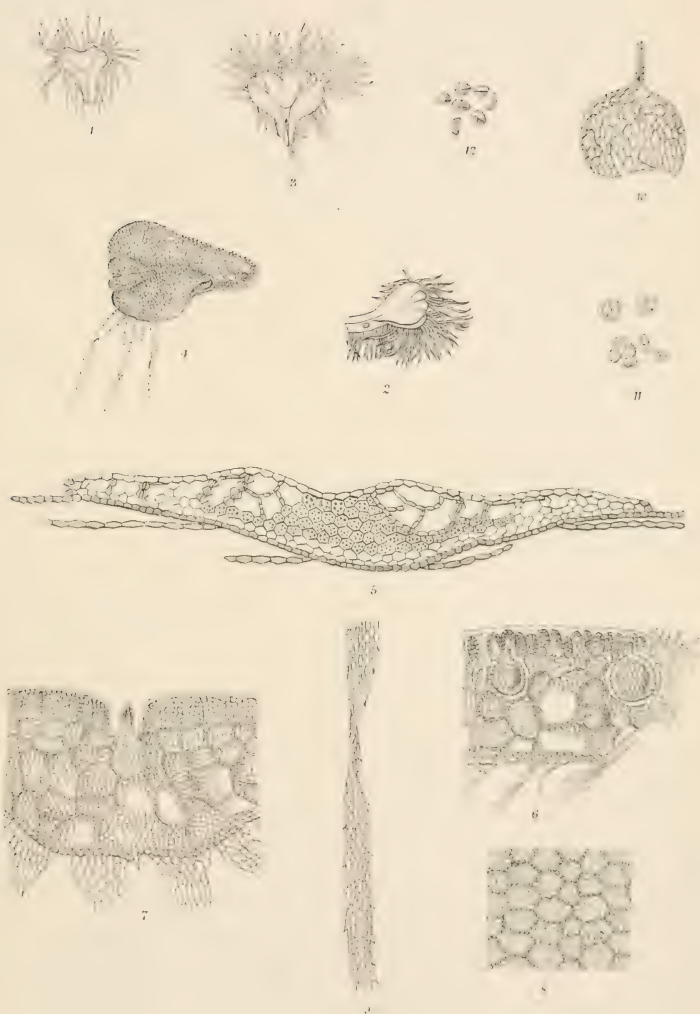
*RICCIA CILIATA*





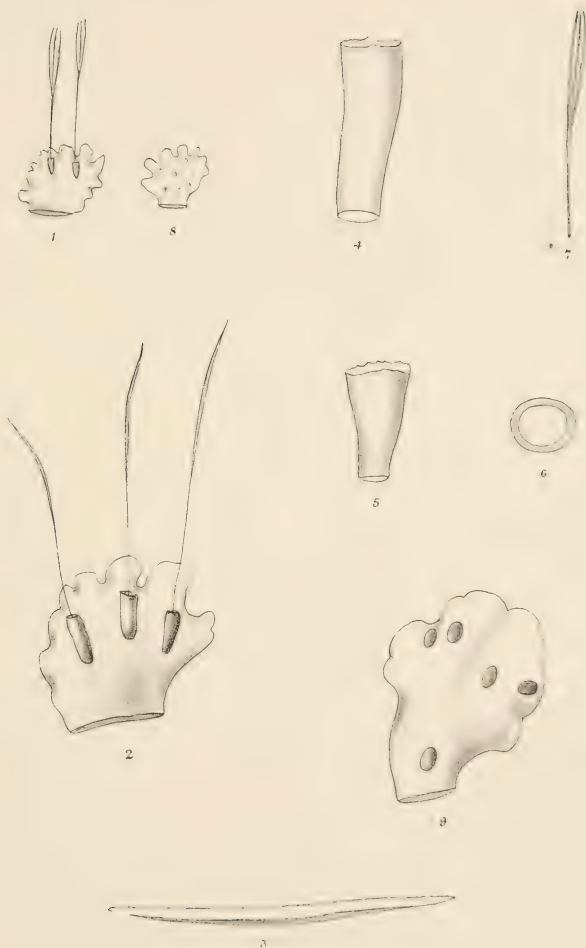
*RICCIELLA FLUITANS*





RICCIOARPUS NATANS

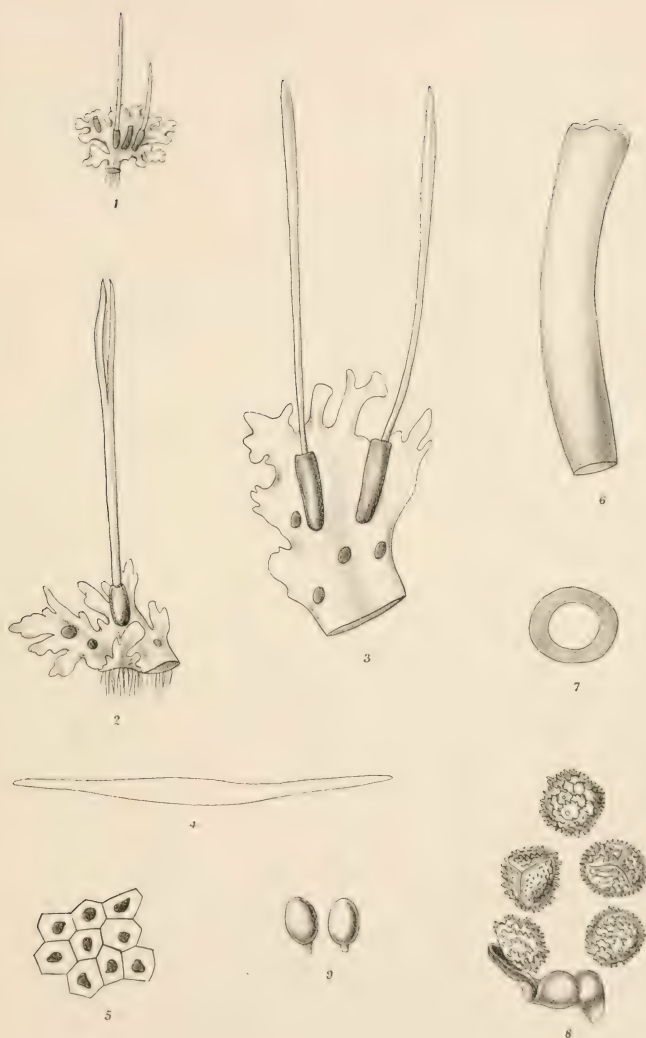




ANTHOCEROS LAEVIS

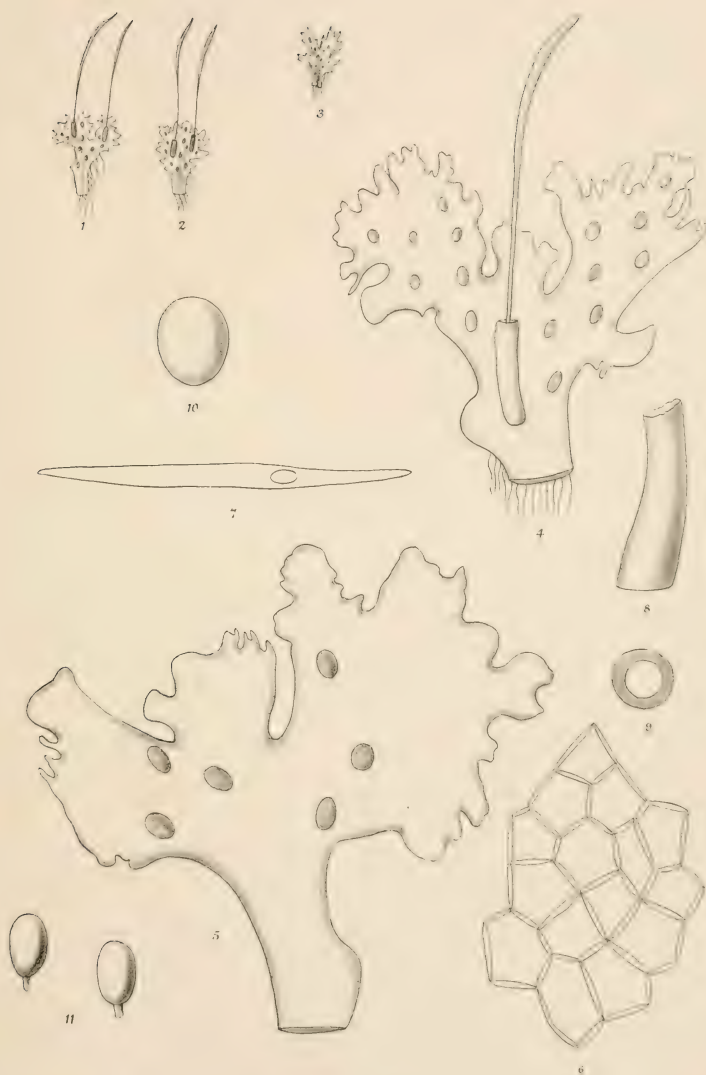






ANTHOCEROS PUNCTATUS





ANTHOCEROS STABLERI













